Volume # R0568

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT ORIGINAL

FIELD NOTES

	OF THE						
SURVEY OF A PORTION OF THE SUBDIVISION							
	OF						
•••••	TOWNSHIP 12 SOUTH, RANGE 12	2 WEST					
Of the	Salt Lake						
In the State of	Utah						
	EXECUTED BY						
Vi	rgil E. Spratt, Cadastral Sur	veyor					
Under the supervi	sion of Craig P, Sylvester, C	adastral Surveyor					
supplemental special in	structions dated May 11, 1959	., approved May 12, 1959					
nd assignment instructi	ions dated	, 1960					
Survey com	menced May 4	, 19 <u>60</u>					

Survey completed June 23 , 1960

INDEX DIAGRAM

Townshi	p 12 Sout	<u>h</u>		Range	12 West	
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16-56770-1

Chains

The south boundary was surveyed by Wilson McConkie and Ralph Gentry in 1937. The east boundary was surveyed by Elliot Bird in 1938-1948. The north boundary was surveyed by Elliot Bird in 1948. The west boundary was surveyed by Ferdinand Dickert in 1882 and independently resurveyed by Elliot Bird in 1948.

The following field notes are those of a survey of a portion of the subdivision of T. 12 S., R. 12 W., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. and L. E. Gurley transit No. 461265, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 43' 35.154" N. and longitude 113° 08' 08.482" W., as adjusted from traverses to U. S. G. S. triangulation station "Detroit."

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 30' East.

Survey of Portion of the Subdivision of T. 12 S., R. 12 W.

Beginning at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., conforming to the record.

N. 0° 01' W., bet. secs. 35 and 36.

Over mountainous desert land covered with scattered juniper and shadscale.

39.89

78 b

Survey of a Portion of the Subdivision of T. 12 S., R. 12 W. Chains Small wash, drains SW.; asc. 20 ft, over gentle, SW., slope. 2,60 Unimproved road, bears N. 70° W. and S. 70° E. 8.90 Wash, 3 ft. deep, 20 lks. wide, drains SW.; asc. 60 ft. over SW. slope 10.10 Spur, slopes SW. from top of knoll 8 chs. dist.; desc. 20 ft. over BW. 20.90 slope. Wash, 3 ft. deep, 25 lks. wide, drains S. 70° W.; asc. 10 ft. over SW. 39.70 slope. Point for the & sec. cor. of secs. 35 and 36. 40.00 Set an iron post, 30 ins. long, 21 ins. in diam., 24 ins. in the ground, with brass cap mkd. T12S R12W S35 S36 Raise a mound of stone, 3 ft. base, 3 ft. high, W. of iron post. Cont. over SW. slope. 44.30 Small wash, drains W.; asc. 90 ft. over S. slope of knoll. 54.00 Top of knoll, about 10 chs. diam., desc. 80 ft. over N. slope. Wash, 4 ft. deep, 20 lks. wide, drains SW.; asc. 20 ft. over waste 68.20 from open pit mine. Wash, 3 ft. deep, 20 lks. wide, drains S. 80° W.; asc. 10 ft. over 79.30 S. slope. 80.00 Point for the cor. of secs. 25, 26, 35 and 36. Set an iron post, 30 ins. long, 21 ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd. T12S R12W S26 S25 S35 S36 1960 Raise a mound of stone, 3 ft. base, 4 ft. high, W. of iron post. Land, broken mountains. Soil, gravel and rocks. Timber, scattered juniper. From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., conforming to the record. S. 89° 57' W., bet. secs. 25 and 36. Over mountainous desert land of Thomas Range, covered with scattered juniper; desc. 800 ft. over broken and ledgy NW. slope. By triangulation, with topography scaled from U. S. G. S. quadrangle 29.00 Spur, slopes NW.; desc. 280 ft. over SW. slope. Wash, 3 ft. deep, 10 lks. wide, drains W. irregularly. 39.80

U. S. GOVERNMENT PRINTING OFFICE 16-28520-2 -1

Point for the 1 sec. cor. of secs. 25 and 36.

·一声:·唯一看这样的原子。那么想要有人看完全是"你要看到了理想你有我的是自己的是什么。"():**)**() Chains Set an iron post, 30 ins. long, 21 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, 18 ins. high, with brass cap mkd. T12S R12W \$ \$25° Asc. 20 ft. along N. slope above wash. 42.80 Small spur, slopes N. 1 ch. to wash; desc. 120 ft. over N. slope. 50.60 Same wash, drains SW. from E. irregularly; desc. 20 ft. over W. slope. 58.40[©] E. edge of open pit uranium mine (Yellow Chief); thence across pit. (In operation at time of survey.) W. edge of same pit; desc. 80 ft. along S. slope of small draw. 66.30 79.78 The cor. of secs. 25, 26, 35 and 36. Land, broken mountains. Soil, gravel and rocks. Timber, very scattered juniper. A A Grand State of the Control of A A Graduate Land From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., mkd by an iron post, 2 ins. diam., conforming to the official record. N. 0° 02' W., bet. secs. 33 and 34. Over mountainous desert land of Spor Mountain; asc. 65 ft. over S. slope. 8.20 Spur, slopes W.; desc. 55 ft. over N. slope. 13.25 Wash, 3 ft. deep, 20 lks. wide, drains W.; asc. 310 ft. over broken S. slope. 26.90 Slope changes; asc. 130 ft. along W. slope. 36.10 Top of ascent on W. slope; desc. 30 ft. along W. slope. 40.00 Point for the 1 sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, over a cross (X), in a mound of stone, 4 ft. base to top, with brass cap mkd. T12S R12W S33 S34 1960 Desc. 260 ft. along broken W. slope. 66.20 Wash, 6 ft. deep, 30 lks. wide, drains W.; asc. 115 ft. over S. slope. 69.20 Spur, slopes W.; desc. 110 ft. over N. slope. 77.00 Wash, 5 ft. deep, 2 chs. wide, drains S. 30° W.; asc. 55 ft. over steep S. slope. ាក្រែនាស្រុស ស្រែងក្រេង ស្រុស

Point for the cor. of secs. 27, 28, 33 and 34.

in a mound of stone, 3 ft. base to top, with brass cap mkd.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground,

80.00

678 b

Survey of a Portion of the Subdivision of T. 12 S., R. 12 W.

Chains T12S R12W S28 S27 S33 S34 1960 Land, broken mountains. Soil, gravel, rocks and ledges. Timber, very scattered juniper. N. 0° 02' W., bet. secs. 27 and 28. Over mountainous desert land of Spor Mountain; asc. 360 ft. over broken S. slope; by triangulation, with topography scaled from U. S. G. S. sheets. Spur, slopes W.; desc. 220 ft. over N. slope. 16.00 Draw, drains W.; asc. 140 ft. over SW. slope. 23.50 32.00 Spur, slopes W.; desc. 100 ft. over N. slope. 36.50 Point for the \ sec. cor. of secs. 27 and 28. 40.00 mkd.

Draw, drains W.; asc. 120 ft. over SW. slope.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap

T12S R12W

S28 S27

Asc. 60 ft. over SW. slope; cont. by triangulation.

42.80 Spur, slopes W.; desc. about 200 ft. over N. slope.

Small wash, drains W.; asc. about 300 ft. over rough, broken land 54.80 draining SW.

80.00 Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 2½ ft. base to top, with brass cap

T12S R12W S21 S22 S28 S27 1960

Land, rough broken slopes of Spor Mountain. Soil, shallow and rocky clay. Timber, thinly scattered scrub juniper.

N. 0° 02' W., bet. secs. 21 and 22.

Top of knoll, on the divide of Spor Mountain, bears NW. and SE.; desc 2.80 580 ft. along ledges facing ...

Survey of a Portion of the Subdivision of T. 12 S., R. 12 W.

Base of descent, bears N. 80° E. and S. 30° W.; desc. 20 ft. over N. slope.

37.20 Road, bears S. 60° W. and N. 60° E., 5 chs. to junction.

Chains 34.40

43.80

44.80

80.00

9.50

Point for the k sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, in a mound of stone, 2½ ft. base to top, with brass cap mkd.

From this cor. U. S. L. M. No. 279 bears S. 74° 58' W., 24.16 chs. dist., mkd. by a 2 ins. iron post, in large mound of stone, with brass cap mkd.

279
Desc. 10 ft. over slight N. slope.

USLM

Dirt road, bears N. 70° W. and S. 70° E.

Wash, 20 lks. wide, 3 ft. deep, drains N. 20° W.; desc. 50 ft. along rolling W. slope.

Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a small mound of stone, with brass cap mkd.

T12S R12W <u>S16 | S15</u> S21 | S22 1960

Land, broken breaks of Spor Mountain in the S. & mile and rolling land in the N. &.
Soil, shallow and rocky clay.
Timber, thinly scattered scrub juniper.

N. 0° 02' W., bet. secs. 15 and 16.

Over gently rolling land draining W.

Wash, 30 lks. wide, 3 fth deep, drains S. 70° W.

30.20 Wash, 10 1ks. wide, 2 fr. deep, drains S. 60° W.

40.00 Point for the k sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.

\$16 | \$15 1960

T12S R12W

Cont. over gently rolling land draining W.

978 b

ការពេលស្នាក់ក្នុងប៉ុន្តែស្នាស់ ការប្រជាព្រះប្រជាព្រះប្រជាព្រះក្នុង **កា**ក្សាស្ថិត ប្រជាព្រះប្រជាព្រះប្រជាព្រះប្រជាព្រះ Chains Wash, 10 1ks. wide, 3 ft. deep, drains W. 48.50 Wash, 30 lks. wide, 3 ft. deep, drains W. 67.50 Small wash, drains S. 70° W. 74.50 Small wash, drains S. 65° W. 78.19 Point for the cor. of secs. 9, 10, 15 and 16. 80.00 Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a small mound of stone to top, with brass cap mkd. T12S R12W S 9 S10 S16 S15 1960 Land, gently rolling. Soil, sandy clay. Timber, none. N. 0° 02' W., bet. secs. 9 and 10. Over gently rolling land draining W.; asc. 40 ft. over series of small washes and spurs putting W. Wild Horse Spring, bears E. 9.00 chs. dist. A large water storage 22.80 tank bears 4.00 chs. W. of spring. 29.10 Unimproved dirt road, bears SE. and SW.; asc. 10 ft. along W. slope. 40.00 Point for the \ sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone to top, with brass cap mkd. T12S R12W s 9 | s10 Asc. 20 ft. along W. slope. 53.50 Unimproved dirt road, bears N. 30° W. and S. 30° E.; asc. 10 ft. along W. slope. 60.20 Top of ascent on W. slope of spur sloping W.; desc. 70 ft. alon $_6$ W. slope. 80.00 Point for the cor. of secs. 3, 4, 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a small mound of stone to top, with brass cap mkd. T128 R12W S4 S3 S 9 S10 1960

Land, rolling.

Timber, none.

Soil, shallow and rocky clay.

... .. Survey of a Portion of the Subdivision of Ta 12 S., R. 12 W.

Chains N. 0° 07' W., bet. wees 3 and 4.

Over rolling land; asc. 10 ft. along W. slope.

Asc. about 300 ft. over ledges facing SW.

slope.

80.18

8.50

32.00

Top of small spur, slopes W.; desc. 20 ft. along W. slope. 10.10

17.20 Wash, 20 1ks. wide, 6 ft. deep, drains W.; asc. 40 ft. along W. slope.

33.00 Base of abrupt ascent, bears NW. and SE.; asc 90 ft. over SW. slope.

Point selected for the witness & sec. cor. of secs. 3 and 4. 37.90

Set an iron post, 30 ins. long, 21 ins. diam., 12 ins. in the ground

to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd

. T12S R12W

WC

S4 S3 1960

Cont. by traverse from this point to the cor. of secs. 3, 4, 33 and 34 Tps. 11 and 12 S., R. 12 W.

40.00 True point for the & sec. cor. of secs. 3 and 4 falls on face of ledges facing SW., where cor. cannot be monumented.

Approximate position of spur projecting NW.; desc. abruptly about 500 55.50 ft. over ledges facing N. Approximate position of wash draining NW.; asc. about 30 ft. along W. 72.00

The cor. of secs. 3, 4, 33 and 34, Tps. 11 and 12 S., R. 12 W., mkd. by an iron post, 2 ins. diam., set, mkd. and witnessed as described in

the official record. Land, rough and broken.

Soil, shallow and rocky clay. Timber, scattered scrub juniper in the higher elevations.

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

S. 0° 01' E., bet. secs. 2 and 3. Over mountainous land, through scattered scrub juniper; by triangulation from the cor. point.

Desc. about 20 ft. along W. slope. Wash, 5 lks. wide, 4 ft. deep, drains NW.; asc. about 700 ft. over broken ledges facing NE.

1. . . 1445 . L 30.00 Spur, slopes NW. from S. irregularly; thence along top of spur.

Point selected for the witness & sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd

Chains

35.60

40.00

678 b

. Survey of a Portion of the Subdivision of T. 12 8., 2. 12 W.

T125 R12W s3 s2

Asc. about 300 ft. over ledges facing E.; cont. by triangulation.

True point for the & sec. cor. of secs. 2 and 3 falls on face of 40.12 ledges facing E. where the cor. cannot be monumented.

Leave ledges; asc. 80 ft. over NE. slope. 76.00

Point for the cor. of secs. 2, 3, 10 and 11. 80.12

> Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 31 ft. base to top, with brass cap mkd.

> > T12S R12W S3 S2 S10 S11 1960

Land, rough and broken mountains. Soil, shallow and rocky clay. Timber, scattered to medium juniper.

N. 89° 57' E., bet. secs. 2 and 11, on a course calculated bet. the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the cor, of secs. 3, 4, 9 and 10.

Over mountainous land, through medium timber; desc. 50 ft. over ledges on broken N. slope.

16.00 Wash, 50 lks. wide, 10 ft. deep, drains N.; asc. 200 ft. over ledgy W. slope.

Spur, slopes N. 30° W.; desc. 10 ft. over NE. slope.

Point for the \ sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd .

> T12S R12W $\frac{s}{s} \frac{2}{s11}$.1960

Asc. 80 ft. over rolling W. slope.

65,10 Top of ascent on the Thomas Range, on a spur sloping N. 20° W.; desc. 180 ft. over E. slope.

75.30 Base of descent on E. slope, bears N. and S.; desc. 30 ft. over rolling land, draining N.

80.00 Point for the cor. of secs. 1, 2, 11 and 12.

> Set an iron post, 30 ins. long, 21 ins. diam., 7 ina. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

> > 21.3 R.1%

• • •	. Survey of a Portion of the Subdivision of T. 22 S., R. 12 W.
Chains	
	S2 S1
يلا ولا يا	رو د يا
Q = 12 1.	1960
	Land, mountainous.
	Soil, shallow and rocky clay.
	Timber, scattered to medium juniper.
	N. 0° 20' W., bet. secs. 1 and 2.
.54	المن المن المن المن المن المن المن المن
	Over mountainous land, through scattered juniper; desc. 250 ft. over
	series of minor drains, and, spurs running E.
25 ر25 سن	Wash, at bend in bottom of canyon, drains N. 30° E. from S. 30° E.;
y' - 3 / .	asc. 40 ft. along steep E. slope.
40.00	Point for the & sec. cor. of secs. 1 and 2.
	Set an iron post, 30 in s. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap
	mkd.
	ر رای در در در در در تا ۱۱۵ تا ۱۱۵ تا ۱۱۵ تا در در داد در
•	ر به بری در سید که کام کید که ۱۱ ۱۱ کی ۱۱ کی در
	. Loginary of its S2 S1
	1960
	Asc. 20 ft. along E. slope.
41.00	
41.00	Top of ascent on W. side of canyon; desc. 210 ft' along steep ledgy E. slope into canyon.
	ر يا يا يا يا يا كالكلام والمستقل المستقل المس
55.80	Wash, in bottom of canyon, 40 lks. wide, drains N. 10°. W.; asc. 20 ft along broken ledges facing W.
	.\1 2.5 \1 .2003 12 2
79.94	The true point for the cor. of secs. 1, 2, 35 and 36, on the N. bdy.
يه رياند. وي څخ د	ا با المستخدم أن المستخدم المستخدم والمستخدم و المستخدم و المستخدم و المستخدم و المستخدم و المستخدم و المستخدم المستخدم المستخدم و ا
	From this point the witness cor. of secs. 1, 2, 35 and 36 , bears E.
	3.42 chs. dist., mkd. by an iron post, 2 ins. diam., set, mkd. and
	witnessed as described in the official record.
	Land, rough and broken,
	Soil, shallow and rocky clay. Timber, scattered juniper.
	. Square Education of the second seco
• å • 3	The section \hat{x} is a section \hat{x} and \hat{x} is a section \hat{x} in $$
	From the cor. of secs. 15, 16, 21 and 22.
•	N. 89° 59' W., bet. secs. 16 and 21.
	N. 09 39 W., Det. secs. 16 and 21.
	Over gently rolling land; desc. 40 ft. over slight W. slope.
.19.30	Wash, 50 1ks. wide, 4 ft. deep, drains S. 70° W.; desc. 20 ft. over
32 · 4	We slope 2014
j	
30.10	Recross wash, with road in bottom, drains NW.; asc. 30 ft. along slight N. slope.
j	
	1 /
	<u> </u>

: :

Survey of a Portion of the Subdivision of T. 12 S., R. 12 W.

Chains 40.00

Point for the & sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T12S R12W \$\frac{\subseteq}{\subseteq} \frac{\subseteq}{\subseteq} \frac{\subseteq}{\s

Asc. 340 ft. along broken N. slope.

67.90 Top of ascent, slopes N.; desc. 10 ft. along broken N. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 11 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T12S R12W S17 S16 S20 S21 1960

Land, rolling in the east half and broken in the west half. Soil, shallow and rocky clay.

Timber, thinly scattered scrub juniper.

N. 0° 03' W., bet. secs. 16 and 17.

Over broken land, through thinly scattered scrub juniper; desc. 380 ft. along spur sloping N.

40.00 Point for the k sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T12S R12W

2
S17 | S16
1960

Desc. 50 ft. over N. slope.

Wash, 60 lks. wide, 5 ft. deep, drains N. 30° W.; road bears N. 30° W; and S. 30° E., along; bottom of wash; cont. along gentle W. slope.

Wash, 50 lks. wide, 4 ft. deep, drains W.; cont. along gentle W. slope.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T12S R12W __S8 S9 S17 S16 1960

Land, gently rolling; Soil, shallow and rocky clay. Timber, thinly scattered scrub juniper.

... Survey of a Portion of the Subdivision of T. 12 S., R. 12 W. Chains From the cor. of secs. 9, 10, 15 and 16. S. 89° 59' M., bet secs. 9 and 16. Through thinly scattered scrub juniper, over gently rolling W. slope; desc. 160 ft. 38.50 Unimproved dirt; road, bears N. 60° E. and S. 80° W.; desc. 20 ft. 39.98 Point for the k sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to bedrock, in a small mound of stone to top, with brass cap mkd. T12S R12W 1960 e • 1/2 - 1 33..... 1. 7 38 , all the sales of Desc. 20 ft. over gently rolling W. slope. 56.40 Recross road, bears NW. and SE.; desc. 70 ft. over gentle W. slope. 79.96 -The cor. of secs. 8, 9, 16 and 17. Land, gently rolling. Soil, rocky clay. ;. Timber, thinly scattered scrub juniper. From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is mkd. by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Over rolling land, through thinly scattered scrub juniper; asc. 20 ft. over S. slope. --2.20 -Top of ascent, slopes W.; desc. 50 ft. over NW. slope. 10.80 Wash, 20 lks. wide, 2 ft. deep, drains SW.; asc. 250 ft. over SE. slope. 26.50 Spur, slopes SW.; desc. 120 ft. over N. slope. ුල රාජ්යය වන වන දෙනුනට ව වන 40.00 Point for the & sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, in a mound of stone, 2½ ft. base to top, with brass cap mkd. T12S R12W * * S32 S33 1960 Desc. 90 ft. over N. slope.

W. slope.

Unimproved road, bears N. 30° E. and S. 30° W.; desc. 10 ft. along W. slope.

Wash, 30 lks. wide, 3 ft. deep, drains N. 70° W.; cont. along rolling

46.50

74.00 Wash, 40 lks. wide, 3 ft. deep, drains S. 80° W.; asc. 40 ft. over S. slope.

-678 b

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. A	Survey of a Portion of the Subdivision of T. 12 Sig. R. 1	2 W.
Chains		January
80.00	Point for the cor. of secs. 28, 29, 32 and 33. 2 500 10025	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	the ground
	with brass cap mkd. Line a class of the english of the state of the s	
	(. °.Մ.Ծ .Ծ .	50.5
	Land, rolling. Soil, rocky clay. See Sorub Juniper.	• • • •
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of mkd. by an iron post, 2 ins. diam., set, mkd. and witnesse cribed in the official record.	the Tp., d as des-
ا نما يد	N. 0° 031 W., bet. secs. 31 and 32. 32. 4 , 22. 32. 4.	•
	Over rolling land, through thinly scattered scrub juniper; ft. along slight W. slope.	desc. 40
9.40	Unimproved road, bears E. and W.; asc. 40 ft. over slight	W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.	
V = 4-1	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in to bedrock, in a mound of stone, 3 ft. base to top, with b mkd.	
	831 S32	
. 40 . [Cont. along slight W. slope.	
65.70	Wash, 40 lks. wide, 3 ft. deep, drains N. 70° We; asc. 50 SW. slope.	ft. over
80.00	Point for the cor. of secs. 29, 30, 31 and 32.	o. • u
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. oth in a small mound of stone to top, with brass cap mkd.	the ground
المهائي الله الله الله الله الله الله الله الل	T12S R12W בת מרות שמכן, 529 (830 ב ינון לון בנוס, כבלונות, בא בנוס (1930 בינון און בנוס (1930 בינון און בנוס (1930 בינון און און בנוס (1960 בינון און און און בנוס (1960 בינון און און און און בנוס (1960 בינון און און און און און בנוס (1960 בינון און און און און און און און און און א	
	Land, rolling. Soil, shallow rocky clay. Timber, thinly scattered scrub juniper.	
	u ž	
	.com. R., cuci cluye.	
	From the cor. of secs. 28, 29, 32 and 33, and	(C. 2):-
ي درين مهر	N. 89° 55' W., bet. secs. 29 and 32. Over rolling land, through thinly scattered scrub juniper; ft. over rolling land draining SW.	desc. 80
1	Point for the base cor of soon 20 and 22	

of a Portion of the Subdivision of T. 12 S., R. 12 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a small mound of stone to top, with brass cap mkd.

T12S R12W

\$\frac{\sum \frac{\sum \frac{\sim \finn \frac{\sim \finn \frac{\sim \frac{\sim \finn \frac{\sim \frac{\sim \frac{\sim \frac{\sim \finn \frac{\sim \finn \frac{\sim \finn \frac{\sim \finn \frac{\sim \frac{\sim \finn \finn \frac{\sim \finn \finn \sin \fin \fin \finn \frac{\sim \finn \finn \fin \finn \finn \fin

Asc. 10 ft. along S. slope.

Top of ascent, slopes S.; desc. 130 ft. over gently rolling land draining Sw.

80.02 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.

Soil, shallow and rocky clay. Timber, thinly scattered scrub juniper.

General Description

The township is located about ;12 miles east of Fish Springs Wildlife Refuge in Central Western Utah.

The Thomas Mountains range northwest and southeast through the north-eastern portion of the township. Spor Mountain is located in the south central portion, with Dugway Dell running between it and the Thomas Mountains. The land descends from the mountains to Fish Springs Flat along the west boundary. Drainage in the township is west to Fish Springs Flat, except for the southeast quarter which drains south.

The soil varies from shallow rocky clay in the mountains to clay in the flats. There is a fair growth of juniper in the higher elevations of the mountains, but only a fair growth of undergrowth is found elsewhere in the township.

An improved dirt road enters the township on the south boundary of section 35 bearing northerly around the east end of Spor Mountain, thence running northwesterly through Dugway Dell to Fish Springs Flat, leaving on the west boundary of section 7. Another dirt road leaves the above mentioned road near the north end of Spor Mountain, bearing northerly and leaves the township on the north boundary of section 4.

Wild Horse Spring is located in unsurveyed section 10. The water in the spring is too salty for human consumption.

There are no permanent residents or cultivated areas in the township. Several mines are located in sections 21 and 28. An active open pit uranium mine is located on the north boundary of section 36.

The Court of the Edward Co Charles Chains garan kanalasan kanalasan kecamatan kecamatan kanalasan kecamatan kecamatan kecamatan kecamatan kecamatan kecam Banalasan kecamatan Charles

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4-680 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY			
Virgil E. Spratt	Transit (Crew Chief)			
William R. Savage	Notes			
Morris E. Blackburn	Front Chain			
George D. Roundy	Cornerman			
Elbert O. Jensen	Flagman			

16---53565+2

CERTIFICATE OF CADASTRAL ENGINEER

I,Craig P. Sylvester	, HEREBY CERTIFY upon honor that, in
and supplemental special instructions d	the 15th day of August ,1936, ated May 11, 1959 a portion of the subdivision of T. 12 S.,
R. 12 W.	
of the Salt Lake Meridian, in the State	of Utah , which are
represented in the foregoing field notes as having	been executed hymnecand under my direction; and that
said survey has been made in strict conformity v	vith said instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States	and in the specific manner described in the foregoing
field notes.	A
Salt Lake City, Utah	Traig F. Sylvester
January 23, 1961	Craig P. Sylvester, Cadastral Surveyor
<u> </u>	
CERTIFICAT	E OF APPROVAL
	BUREAU OF LAND MANAGEMENT,
	Washington, D. C.,APR 1 7 1362, 19
The foregoing field notes of the survey ofa.	portion of the subdivision of T. 12 S.,
	e supervision of Craig P. Sylvester, Chief of
naving been critically examined and found corre	ct, are hereby approved.
	Sex in the
	Chief, Division of Engineering
	————
CERTIFICATE	OF TRANSCRIPT
I CERTIFY that the foregoing transcript of the	e field notes of the above-described surveys in
, is a true copy of t	
	Gadastral Engineering Staff Officer.

UNITED STATES **DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT**

ORIGINAL

FIELD NOTES

OF THE

SURVEY OF

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 12 SOUTH, RANGE 13 WEST

Of the

Salt Lake

Meridian,

n the State of

Utah

EXECUTED BY

Donald A. Cannon, Cadastral Surveyor

Craig P. Sylvester, Cadastral Surveyor (Chief of Party)

Inder special instructions dated August 25 , 1936..., which provided and supplemental special instructions dated May 1, 1959

278 , approved May 12, 1959 or the surveys included under Group No.

nd assignment instructions dated , 1960

April 26

Survey commenced May 23 , 1960

Survey completed May 27 , 1960

INDEX DIAGRAM

Towns	hip12.	South		Range	13 West	
6	5	4	5	3	8 2	8 1
Carried States	!		-	7	6	6
7	h	9	5	10	11	12
16	17	9 16	4	15	14	18
19	20	21	4	22	23	24
30	29	28	3	27	26	25
31		10 33	2	84	35	1 86

16-56770-1

Township 12 South, Range 13 West

Chains

The south boundary was surveyed by F. Dickert in 1882 and was independently resurveyed by Elliot Bird in 1948. The east boundary was surveyed by F. Dickert in 1882 and independently resurveyed by Elliot Bird in 1948. The west boundary was surveyed by F. Dickert in 1882 and independently resurveyed by Robert Yundt in 1948. The north boundary was surveyed by F. Dickert in 1882 and independently resurveyed by Elliot Bird and Robert Yundt in 1948.

The following field notes are those of a survey of a portion of the subdivision of T. 12 S., R. 13 W., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. and L. E. Gurley solar transit No. 541331, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a l chain standard steel tape and found correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method.

The directions of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 43' 35.16" N. and longitude 113° 14' 51.79" W., as adjusted from traverses to U. S. G. S. triangulation stations "Fish" and "Detroit".

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 30' East.

Survey of a Portion of the Subdivision of T. 12 S., R. 13 W.

Beginning the subdivisional survey at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

N. 0° 01' W., bet. secs. 35 and 36.

Over nearly level land of Fish Springs Flats, along a gentle W. slope.

Point for the 1 sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T12S, R13W S35 S36 1960

40.00

Chains

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.

费用品 50.00 克尔司教 6.14 海,《南北村 海绵》(黄铜)、河南平安阳 丁。(5

Continue along gentle W. slope of Fish Springs Flats.

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T12S R13W <u>S26 | S25</u> <u>S35 | S36</u> 1960

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.

Land, level.

Soil, clay.

Timber, none.

Undergrowth, sage and shadscale.

CAR FULL

, and 1

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam,, set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

S. 89° 58' W., bet. secs. 25 and 36.

Over nearly level land of Fish Springs Flats; desc. over gentle W. slope.

29.00

Small wash, drains S. 70° W.; desc. gentle W. slope.

3**9.9**8

Point for the 2 sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T12S R13W \$\frac{\$\frac{\$525}{\$36}}{\$1960}

Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of iron post.

Desc. gentle W. slope.

79.96

The cor. of secs. 25, 26, 35 and 36.

Land, level. Soil, clay.

Timber, none.

Undergrowth, sage and shadscale.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

N. 0° 02' W., bet. secs. 33 and 34.

Over level bottom land of Fish Springs Flats, covered with scattered sage and greasewood.

40.00

Point for the 1 sec. cor. of secs. 33 and 34.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

	of the Subdivision, T. 12 S., R. 13 W.
Chains	
	1126 R136
	•១៩៩៨៦ «ភូភភភភ, ភាម្រាំ 533 834 មកខុម ការស្វាស្ត្រាក្រ 1 960
	Raised mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.
- - ਹੁਰਜ਼ੁਰੂ ਜੋੜੋਂ	Cont. over level bottom land.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
• \$ 0.0 g in	
	<u>\$28</u> <u>\$27</u> \$33 \$ 34
	1960
	Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.
التبيات إلى تداما	And the second of the second o
	Land, level bottom. Soil, clay alkali.
	Timber, none.
	Undergrowth, scattered greasewood and sage.
	time Anna Carrier and a second control of the contr
	N. 0° 02' W., bet. secs. 27 and 28.
	Over level bottom land of Fish Springs Flats.
40.00	Point for the k sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T12S R13W
	• • • • • • • • • • • • • • • • • • •
	1960
	Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.
· . · ·	Cont. over level bottom land.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T128 R13W
	<u>\$21</u> <u>\$22</u> • • • \$28 \$27
	1960
	Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.
ا در اید	Raise a mount of stone, 2% it. base, 2 it. nigh, w. or iron post.
	Land, level bottom.
	Soil, clay alkali. Timber, none.
	Undergrowth, greasewood and scattered sage.
	は本章を成め 。
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1	ران المنازية المنازية المنازية المنافقة والمنافقة المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة المنافقة

Survey of a Portion of the Subdivision of Tvil2 S., R. 13 W.

Chapter . Chains N. 0° 02' W., bet. secs. 21 and 22. Over level bottom land of Fish Springs Flats. Point for the & sec. cor. of secs. 21 and 22. 40.00 Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. Raise a mound of stone, 22 ft. base, 2 ft. high, W. of iron post. Cont. over level bottom land. 80.00 Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. ىلىنىي جاڭگى ئىلى T12S R13W \$16 S15 S21 S22 1960 Raise a mound of stone, 2 ft. base, 2 ft. high, W. of iron post. Land, level bottom. Soil, clay alkali. Timber, none. Undergrowth, greasewood and scattered shadscale. N. 0° 02' W., bet. secs. 15 and 16. Over level bottom land of Fish Springs Flats. 40.00 Point for the \ sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W S16 S15 1960 Deposit broken glass with iron post. Cont. over level bottom land. 80.00 Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W 8 9 S10 816 S15

Raise a mound of stone, 2 ft. base, 2 ft. high, W. of iron post.

... Survey of a Portion of the Bush from of T. 12 S., R. 13 W. Chains Land, level bottom. المميين للمعولة معافقاتها المعاج المال المالاللهام. Soil, clay alkali. Timber, none. المسائدين معمد. Undergrowth, scattered gressewood and shadscale. W. 00 02 W., bet. secs. 9 and 10. 200 27 . 2 0 0 0 0 المنايات المناط والمعالق في هما عصاما والرفع أن المناء أن الأنفاء و الأمياء Over level bottom land of Fish Springs Flats. 40.00 Point for the & sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W s 9 s10 1960 Raise a moundof stone, 24 ft. base, 2 ft. high, W. of iron post. Cont. over level bottom land. 80.00 Point for the cor. of secs. 3, 4, 9 and 10. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W S4 S3 S 9 S10 1960 Raise a mound of stone, 2 ft. base, 2 ft. high, W. of iron post. Land, level bottom. Soil, clay alkali. Timber, none. Undergrowth, scattered greasewood and shadscale. N. 0° 10' W., bet. secs. 3 and 4. Over level bottom land of Fish Springs Flats. 40.00 Point for the \ sec. cor. of secs. 3 and 4. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W \$4|S3 المناه فللها 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post. • A Cont. over level bottom land. aliant, est fortile of witten name to come عال منفيان الكنياجا 79.91 Intersect the N. bdy. of the Tp. at the cor. of secs. 3, 4, 33 and 34, which is monumented by an iron post, 2 ins. diam., set, mkd. and

witnessed as described in the official record of the independent resur-

vey of 1948.

L--678 b

Chains

Land, level bottom.

Soil, clay alkali.

Timber, none.

Undergrowth, scattered greasewood and salt grass.

From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

West, bet. secs. 1 and 12.

Over rolling desert land on E. side of Fish Springs Flats; desc. gentle W. slope.

- Small wash, drains SW.; desc. 20 ft. over gentle W. slope. 4.60
- Point for the k sec. cor. of secs. 1 and 12, at proportionate dist.; 39.96

Set an iron post, 30 ins. long, 21 ins. diam., 24 ins. in the ground, with brass cap mkd.

> T12S R13W 1960

Raise a mound of stone, 2 ft. base, 2 ft. high, N. of iron post.

Desc. gentle W. slope.

with brass cap mkd.

- 42.20 Wash, 30 lks. wide, 3 ft. deep, drains SW.; desc. gentle W. slope.
- 47.90 Unimproved road, bears SW. and NE.; desc. gentle W. slope.
- 69.40 Wash, 70 lks. wide, 2 ft. deep, drains SW.; desc. 10 ft. over W. slope.
- 79.92 Point for the cor. of secs. 1, 2, 11 and 12, at proportionate dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground

T12S R13W S2 S1

S11 S12

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.

Land, rolling.

Soil, clay gravel spots.

Timber, none.

Undergrowth, sage, shadscale, blackbrush and scattered bunch grass. 1041

West, bet. secs. 2 and 11.

Over gently rolling land of Fish Springs Flats; desc. gentle W. slope.

Wash, 30 1ks. wide, 2 ft. deep, drains SW.; desc. W. slope. 9.20

. Survey of a Portion of the Subdivision of T. 12 S., R. 13 W. Chains 39.96 Point for the & see. cor. of sees. 2 and 11; at proportionate dist. Set an iron post, 30 ins. Fong, 21 ins. diame, 24 ins. in the ground, with brass cap mkd. ු උසා රේඛයාදු රාජපර්ම් වෙනුවෙනුවී සෙරවීම මිත රාජර සිස්වෙන්දු මුදුරුව ද ඇද T12S R13W 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of iron post. Desc. gentle W. slope. . Fat 4 45.10 Unimproved road, bears SW. and NE.; desc. gentle W. slope. 79.92 Point for the cor. of secs. 2, 3, 10 and 11, at proportionate dist. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. ... /11 ... 123 (... ... T128 R13W---S3 S2 S10 S11 ولايد بالإلم الالال كالك Raise a mound of stone, 2 ft. base, 2 ft. high, W. of iron post. Land, rolling. Soil, clay. Timber, none: Undergrowth, sage, shadscale and black brush. West, bet. secs. 3 and 10. Over nearly level bottom land of Fish Springs Flats. 39.96 Point for the & sec. cor. of secs. 3 and 10, at proportionate dist. Set an iron post, 30 ins. long, 22 ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W S 3 (2) S10 · 1960 12 4 1 5 60 Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of iron post. Cont. over level bottom land. 79.92 The cor. of secs. 3, 4, 9 and 10. Eand, level bottom. Soil, clay and some alkali. Undergrowth, greasewood, blackbrush and sage. Carlo Carlo I ి. ఎర్క ఓక్కి మెళ్ళి మమ్మి మీక . కైట .ి المراز الكد المُقاديد إلى فاقع الم المُسلام الأسادة من The State of the second

Survey of a Portion of the Subdivision of T. 12 S., R. 13 W.

	Survey of a Portion of the Subdivision of T. 12 S., R. 13 W.
Chains	e verta
	From the cor. of $\sec s_{i,j}1_{s_{i,j}}2_{i,j}11$ and $12.$
	N, Ω° 05' W., bet. secs. 1 and 2.
	Over rolling desert land of Fish Springs Flats, along gentle W. slope.
13.30	Unimproved road, bears E. and W.
40.00	Point for the ½ sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T12S R13W
.:u1 :	\$2 \s1 1960
,	Asc. 20 ft. along gentle W. slope.
45.39	Base of rocky hill, bears E. and W.; asc. 135 ft. over S. slope.
61.11	Top of rocky hill, bears NE. and SW.;desc. 50 ft. along NW. slope.
80.01	Intersect the N. bdy. of the Tp. at the cor. of secs. 1, 2, 35 and 36, which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.
	Land, rolling S. portion; broken N. portion. Soil, clay gravel S. portion; rocky on N. portion. Timber, very scattered juniper on hills. Undergrowth, sage, shadscale and black brush.
	From the cor. of secs. 2, 3, 10 and 11. N. 0° 07' W., bet. secs. 2 and 3.
, -	· · · · · · · · · · · · · · · · · · ·
40.00	Over gently rolling land of Fish Springs Flats, draining W.
40.00	Point for the cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T12S R13W
.: . ,	\$3 \$2 1960
	Cont. along gentle W. slope.
41.70	Unimproved road, bears SE. and NW.; asc. along SW. slope.
58.80	Small wash, drains SW.; cont. along SW. slope.
65.40	Wash, 20 lks. wide, 4 ft. deep, drains SW.; asc. 95 ft. over rocky SW. slope.
79.96	Intersect the N. bdy. of the Tp. at the cor. of secs. 2, 3, 34 and 35 which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

Over level bottom land of Fish Springs Flats.

Point for the k sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,

S17 S16 :-1960

No accessories available.

40.00

Cont. over level bottom land.

with brass cap mkd.

. 21	Survey lof. a. Portion cof the Subdivision lof vivile S., R	. 13 W.
Chains	1	(Cnasss
80.00	Point for the cor. of sees, 8, 9,016 and 17,011 or thand,	į.
7 % J K	Set an iron post, 30 ins. long, 2½ ins. diam. p. 24, ins. tin with brass cap mkd and could conform the control of the control	the group
	T12S R13W S8 S9 S17 S16	
	Deposit charcoal at base of iron post. L. 2020. L. G. 2020.	
	Land, level.bottom.	
	Soil, clay alkali. Timber, none. Undergrowth, greasewood, shadscale and scattered salt grades.	
	in the bound of the control of t	
	and the connections of some Q 10 15 and 16	
	From the cor. of secs. 9, 10, 15 and 16. West, bet. secs. 9 and 16.	
	Over level bottom land of Fish Springs Flats.	
40.00	Point for the k sec. cor. of secs, 9 and 16.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	the groun
	T12S R13W	. •
	\$\frac{1}{816}\$	
	Deposit charcoal at base of iron post.	
	Cont. over level bottom land.	
80.00	The cor, of secs, 8, 9, 16 and 17.	
	Land, level bottom. Soil, clay alkali. Timber, none.	
	Undergrowth, scattered greasewood and salt grass.	
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of which is monumented by an iron post, 2 ins. diam., set, mk witnessed as described in the official record of the indepresurvey of 1948.	d and
	N. 0° 03' W., bet. secs. 32 and 33.	• • •
	Over level bottom land of Fish Springs Flats.	
40.00	Point for the k sec. cor. of secs. 32 and 33.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	the ground
	T128 R13W , yazı san	
	832 833	k

Survey of a Portion of the Subdivision of T. 12 S., R. 13 W.

Chains Raise a mound of stone, 2 ft. base, 2 ft. high, W. of iron post. Cont. over level bottom land. 80.00 Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 22 ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W S29 S28 \$32 \$33 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post. Land, level bottom. Soil, clay alkali. Timber, none. Undergrowth, greasewood and salt grass. From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948. N. 0° 03' W., bet. secs. 31 and 32. Over level bottom land of Fish Springs Flats. 40.00 Point for the 1 sec. cor. of secs. 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R13W Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post. Cont. over level bottom land. 80.00 Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. : 1: : Augustina et in T12S_R13W S30 S29 S31 S32 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post. Land, level bottom. Soil, clay alkali. Timber, none. Undergrowth, greasewood and salt grass.

of a Portion of the Bubdivision of T. 12 8. R. 1 W.

Chains

From the cor. of secs. 28, 29, 32 and 33.

S. 89° 58' W., bet. secs. 29 and 32.

Over level bottom land of Fish Springs Flats.

39.99 - Point for the & sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T12S R13W \$\frac{\$29}{\$32}\$ 1960

Raise a mound of stone, 2 ft. base, 2 ft. high, N. of iron post.

Cont. over level bottom land.

79.98 The cor. of secs. 29, 30, 31 and 32.

Land, level bottom.

Soil, clay alkali.

Timber, none.

Undergrowth, greasewood and salt grass.

General Description

T. 12 S., R. 13 W. consists entirely of level to rolling land of Fish Springs Flats with the exception of a few spurs of the Thomas Mountain which extends into the extreme NE. corner of the township.

A dirt road (Fish Springs to Sand Pass) passes through the southeast corner of section 31. Most of the township can be traveled with 4-wheel drive vehicles during the dry season, but becomes very slick and boggy during winter and spring seasons.

Permanent water consists of a few sloughs and bog holes in the northwest portion. The water is alkali and unfit for human use. The soil is clay with high alkali content.

The only timber on the township consists of a few scrub juniper in the hills of the northeast portion. The undergrowth consists of salt grass and greasewood with a few reeds around the sloughs on the lower elevations. Shadscale, blackbrush, sage and scattered bunch grass cover the higher elevations of the township.

The elevation varies from about 4300 to 5000 feet above sea level.

`4-490 (Teb. 1980)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Donald A. Cannon	Crew Chief (Cornerman)
James R. Munson	Transit
Jeddie J. Judd	Notes
John D. Carter	Front Chain
Dennis D. Bland	Flagman
5 ³	
<u> </u>	
••••••	

CERTIFICATE OF CADASTRAL ENGINEER

pursuance of special instructions bearing date and supplemental special instructions. A have surveyed a portion of the subdiv	dated May 1, 1959, we	•
of the Salt Lake Meridian, in the Sta	ate ofUtah	which are
represented in the foregoing field notes as havi	ng been executed by me and i	our inder/mykdirection; and that
said survey has been made in strict conformity	_	-
Survey of the Public Lands of the United State		
field notes.	,	a the following
Balt Lake City, Utah	Lain 1	2. feel to
January 31, 1961	Craig F. Sy	lvester Cadastral Survey
	Donald A. C.	annon, Cadastral Surveyor
		· · · · · · · · · · · · · · · · · · ·
CERTIFICA	TE OF APPROVAL	
	Bureau of Land Man	AGEMENT,
	Washington, D. C.,	APR 1 7 1962 , 19
The foregoing field notes of the survey of		
3 W., Salt Lake Meridian, Utah		
xecuted by Craig P. Sylvester and Dona	ild A Common Code	
aving been critically examined and found corr		Surveyors
examined and found corr	ect, are hereby approved.	
		Jemnyta
	Chief, D	ivision of Engineering
H 1. 1470.	And the state of t	
I CERTIFY that the force of the entire ipt of the	he field notes of the shove don	onihad au : T. 12 S
13 W., SLM, Utah , is a true copy of		cribed surveys in .2. 22 5.,
, as a first copy of	The strain of the Hotes.	
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	C	[8] M. C. Andrewson, Ann. Phys. Lett. B 50, 100 (1997). [8] A. C. Andrewson, Phys. Rev. B 50, 100 (1997).

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT ORIGINAL

FIELD NOTES

OF THE

SURVEY OF A PORTION

OF THE SUBDIVISION

OF

TOWNSHIP 13 SOUTH, RANGE 13 WEST

Of the

Salt Lake

Meridian,

the State of

Utah

EXECUTED BY

Craig P. Sylvester, Cadastral Surveyor (Chief of Party)

Donald A. Cannon, Cadastral Surveyor

nder special instructions dated August 25 , 1936 , which provided a supplemental special instructions dated May 1, 1959

r the surveys included under Group No. 278 , approved May 12, 1959

d assignment instructions dated

Apr11 28

, 1960

Survey commenced

May 17

, 1960

Survey completed

May 20 , 1960

SEVERNMENT PRINTING SPFICE 16 -- \$677

INDEX DIAGRAM

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10-00110-1

Chains

The south, east, west and north boundaries were surveyed by Ferdinand Dickert in 1882. The south and east boundaries were independently resurveyed by Ralph Gentry and Wilson McConkie in 1937. The west and north boundaries were independently resurveyed by Robert C. Yundt and Elliot Bird in 1948.

The following field notes are those of a survey of a portion of the subdivision of T. 13 S., R. 13 W. deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. and L. E. Gurley solar transit No. 541331, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 38' 22.15" N. and longitude 113° 14' 51.8" W., as adjusted from traverses to U. S. G. S. triangulation stations "Fish" and "Detroit".

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 30' East.

Survey of a Portion of the Subdivision of T. 13 S., R. 13 W.

Beginning the subdivisional survey at the cor. of secs. 1, 2, 35 and 36, on the 8. bdy. of the Tp., which is monumented by an iron post, 2 ins: diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

N. 0° 01' W., bet. secs. 35 and 36.

Over nearly level land of Fish Springs Flats.

Wash, 30 lks. wide, 3 ft. deep, drains NW.

80.00

L. 72.

Survey of a Portion of the Subdivision of T. 13 S., R. 13 W.

Chains

36.80 Wash, 50 lks. wide, 6 ft. deep, drains W.; cont. over gently rolling land.

40.00 Point for the k sec. cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R13W \$35 | \$36 1960

Raise a small mound of stone W. of iron post.

Asc. 20 ft. over gently rolling land draining SW.

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R13W <u>\$26</u> | \$25 <u>\$35</u> | \$36 1960

Raise a small mound of stone W. of iron post.

Land, gently rolling. Soil, clay. Timber, none.

1 - 136.60 (12.

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

West, bet. secs. 25 and 36.

Over gently rolling land; desc. 20 ft. along gentle S. slope.

39.99 Point for the ½ sec. cor. of secs. 25 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T13S R13W 2 S25 S36 1960

Raise a small mound of stone N. of iron post,

Cont. over gently rolling land draining SW.; desc. 30 ft.

79.98 The cor. of secs. 25, 26, 35 and 36.

Land, gently rolling. Soil, rocky clay. Timber, none.

W. S. GOVERNMENT DELETING OFFICE

.W El . . . Survey of a Portion of the Subdivision of T. 13 S., R. 13 W. Chains From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described furthe official record of the independent resurvey of 1948. N. 0° 021 W., bet. secs. 33 and 34. Over nearly level land of Fish Springs Flats. 40.00 Point for the k sec. cor. of secs. 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R13W s33 s34 1960 Raise a small mound of stone W. of cor. Cont. over nearly level land. 80.00 Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R13W \$28 S27 S33 S34 1960 Raise a small mound of stone W. of iron post. Land, nearly level bottom of Fish Springs Flat. Soil, sandy clay. Timber, none. المراجع فالمراجع والمستعدد N. 0° 02' W., bet. secs. 27 and 28. Over nearly level land. 40.00 Point for the k sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. North Mayor and North Society T13S R13W S28 S27 ي 1960ء المعلى المرات المات Raise a small mound of stone, W. of cor. Cont. over nearly level land of Fish Springs Flat. 14,016 80.00 Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R13W S21 S22

> S28 | S27 1960

40.00

80.00

40.00

Survey of a Portion of the Subdivision of T. 13 S., R. 13 W.

20.65)

Chains Raise a small mound of stone W. of iron post. Land, nearly level Fish Springs Flat. Soil, sandy clay. Timber, none. N. 0° 02' W., bet. secs. 21 and 22.

Over nearly level land.

Point for the 1 sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T13S R13W

Raise a small mound of stone W. of cor.

Cont. over nearly level land.

55.30 Wash, 20 lks. wide, 4 ft. deep, drains NW.

Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

> T13S R13W <u>816 | 815</u> \$21 S22 1960

Raise a mound of stone W. of iron post.

Land, nearly level Fish Springs Flat. Soil, sandy clay. Timber, none.

N. 0° 02' W., bet. secs. 15 and 16.

Over nearly level land of Fish Springs Flat.

Point for the k sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

> T13S R13W **S16** S15 1960

31. 2

Raise a small mound of stone W. of iron post.

Cont. over nearly level land.

• # 1/s	Survey, of a Portion of the Subdivision of T. 13 S., R. 13 W.
Chains 80.00	Point for the cor, sef secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 21 ins. dism., 26 ins. in the ground, with brass cap mkd.
•• 12 , • 8 - • • •	T13S 213W 8 9 810 \$16 815 1960
	Raise a small mound of stone W. of cor.
	Land, nearly level bottom of Fish Springs Flat. Soil, sandy clay. Timber, none.
, ts	the way to the first section of the contract o
· .	N. 0° 02' W., bet. secs. 9 and 10.
	Over nearly level bottom of Fish Springs Flat,
40.00	Point for the & sec. cor. of sets. 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	\$ \$ 9 \$10 1960
	Raise a small mound of stone W. of iron post.
	Cont. over nearly level land.
80.00	Point for the cor. of secs. 3, 4, 9 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R13W S 4 S 3 S 9 \$10 1960
	Raise a small mound of stone W. of iron post.
	Land, nearly level bottom of Fish Springs Flat. Soil, clay. Timber, none.
	N. 0° 15' W., bet. secs. 3 and 4.
	Over nearly level bottom of Fish Springs Flat.
40.00	Point for the & sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T138 R13W & \$4|83 1960

ئ. ... Survey of a Portion of the Subdivision of T. (13.5., R. 13 N.

Chains Smad' L Raise a small mound of stone W. of cor. To see was taked 50.05 - Cont. along the nearly level bottom of Fish Springs Flat. Intersect the N. bdy. of the Tp., at the cor. of secs. 3, 4, 33 and 34 79.99 which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948. Land, nearly level bottom of Fish Springs Flat. Soil, clay and sandy clay. Timber, none. المنطاح الطالف المراكز المحافظ الأفاد المراسيان والمختلاف From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., which is monumented by an iron post, set, mkd. and witnessed as described in the official record of the independent resurvey of 1948. S. 89° 59' W., bet. secs. 1 and 12, on a line connecting with the cor. Over nearly level land of Fish Springs Flat. 39.98 Point for the k sec. cor. of secs. 1 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 21 ft. base to top, with brass cap mkd. T13S R13W $\frac{1}{4} \frac{\text{S} 1}{\text{S12}}^{\circ}$ Cont. over nearly level land of Fish Springs Flat. 79.96 Point for the cor. of secs. 1; 2, 11 and 12. Set an iron post, 30 ins. long, 22 ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R13W S2 S1 1 11.1. S11 S12 1960 Raise a small-mound of stone W. of cor. Land, nearly level land of Fish Springs Flat. Soil, clay and sandy clay. Timber, none. S. 89° 59' W., bet. secs. 2 and 11, on a line connecting with the cor. of secs. 3, 4, 9 and 10. ي الله الراب الله الله المستثني و Over nearly level land of Fish Springs Flat. Point for the k sec. cor. of secs. 2 and 11. 39.98 الله المعلق ا Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

> 1960

• 11 .	Survey of a Portion of the Subdivision of T. 13 S., R. 13 W.
Chains	
	Raise a small mound of stone W. of cor.
	Cont. over nearly level land of Fish Springs Flat:
79.96	Point for the cor. of secs. 2, 3, 10 and 11. Julius communications
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R13W
	$\frac{\mathbf{S} \ 3 \ \mathbf{S} \ 2}{\mathbf{S} 10 \ \mathbf{S} 11} = \frac{\mathbf{S} \ 3 \ \mathbf{S} \ 2}{\mathbf{S} 10 \ \mathbf{S} 11} = \frac{\mathbf{S} \ \mathbf{S} 10 \ \mathbf{S} 10}{\mathbf{S} 1} = \frac{\mathbf{S} \ \mathbf{S} 10 \ \mathbf{S} 10}{\mathbf{S} 1} = \frac{\mathbf{S} \ \mathbf{S} 10 \ \mathbf{S} 10}{\mathbf{S} 10} = \frac{\mathbf{S} \ \mathbf{S} 10}{\mathbf{S} 10} = \mathbf{S$
	Raise a mound of stone W. of cor.
	A Section of the Control of the Cont
	Land, nearly level land of Fish Springs Flat. Soil, clay and sandy clay. Timber, none.
ند ي د د	
	S. 89° 59' W., bet. secs. 3 and 10.
	Over nearly level land of Fish Springs Flat.
39.98	Point for the & sec. cor. of secs. 3 and 10.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T1-3S R13W
	Raise a small mound of stone N. of cor.
	Cont. over nearly level land of Fish Springs Flat.
79.96	The cor. of secs. 3, 4, 9 and 10.
	Land, nearly level. Soil, clay and sandy clay. Timber, none.
	the state of the s
	From the cor. of secs. 1, 2, 11 and 12.
تاريخ کي د خ	N. 0° 07' W., bet. secs. 1 and 2.
_	Over nearly level land of Fish Springs Flat.
40.00	Point for the k sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	Raise a small mound of stone W. of cor.

Survey of a Pertien of the Subdivision of Tellos., R. 13 W.

	Survey of a Pertien of the Subdivision of Testing. R	. 13 W.
Chains	The second secon	Chains
79.95	Intersect the N. bdy. of the Tp. stathe cor. of secs. 1, which is monumented by an iron post, 2 ins. diam., set, m nessed as described in the official record, of the independent of 1948.	kd. and wit-
	Land, nearly level. In the second of the same second and second s	5%. K
	Timber, none, the transport of the control of the c	
	in San	
	From the cor. of secs, 2, 3, 10 and 11.	
	N. 0° 12' W., bet. secs. 2 and 3.	
	Over nearly level land of Fish Springs Flat.	
40.00	Point for the \ sec. cor. of secs. 2 and 3. he are	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	the ground,
	T13S R13W	
	\$3 \$2	
	Raise a small mound of stone W. of cor.	•
 	Cont. over nearly level land.	
79.90	Intersect the N. bdy. of the Tp. at the cor. of secs. 2, which is monumented by an iron post, 2 ins. diam., set, minessed as described in the official record of the independent of 1948.	kd. and wit-
	Land, nearly level. Soil, sandy clay and clay. Timber, none.	
	· · · · · · · · · · · · · · · · · · ·	
		· · ·
	From the cor. of secs. 15, 16, 21 and 22.	
	N. 89° 59' W., bet. secs. 16 and 21.	:
	Over nearly level land of Fish Springs Flat.	
10.50	Wash, 20 lks. wide, 3 ft. deep, drains NE.	
40.00	Point for the & sec. cor. of secs. 16 and 21.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	the ground,
	Tl3s Rl3W . s .ns and shade	
	$\frac{1}{821}$	
	Raise a small mound of stone N. of cor.	1
	Cont. over nearly level land.	
80.00	Point for the cor. of secs. 16, 17, 20 and 21.	
i	**	

Survey of a Fortion of the Subdivision of T. 13 S., R. 13 W.

Chains	
	Set an iron post, 30 ins. long, 22 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S_R13W
	.3 9.5 0 milys 15.20 1 <mark>.817 816</mark> 11 you () .820 821 9 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
	Raise a small mound of stone W. of cor.
يشفد بنياس	Land, nearly level land of Fish Springs Flat. Soil, sandy and clay.
	Timber, none. Same egit egit men ne go de bir en en en eller en en eller egit en eller egit en eller egit en e
	N. 0° 03' W., bet. secs. 16 and 17.
	Over nearly level land of Fish Springs Flat.
40.00	Point for the & sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R13W
	\$17 \$16 1960
	Raise a small mound of stone W. of cor.
	Cont. over nearly level land.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R13W S 8 S 9 S17 S16 1960
	Raise a small mound of stone W. of cor.
	Land, nearly level land of Fish Springs Flat. Soil, sandy clay and clay. Timber, none.
• • • •	
	From the cor. of secs. 9, 10, 15 and 16,
	N. 89° 58' W., bet. secs. 9 and 16.
20.00	Over nearly level land of Fish Springs Flat.
39.99	Point for the 1/2 sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 21/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13S R13W
	$\frac{1}{4} \frac{\text{S} 9}{\text{S16}}$

2 9m ()

Chains

79.98

The cor. of secs. 8, 9, 16 and 17.

Land, nearly level land of Fish Springs Flat. Soil, sandy clay and clay. Timber, none.

From the cor. of secs. 4, 5, 32 and 33, on the 8. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

N. 0° 03' W., bet. secs. 32 and 33.

Over nearly level land of Fish Springs Flat.

40.00

Point for the k sec. cor. of secs. 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R13W \$ \$32 | \$33 1960

Raise a mound of stone W. of cor.

Cont. over nearly level land.

80.00

Point for the cor. of secs. 28, 29, 32 and 33.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R13W <u>S29 | S28</u> S32 | S33 1960

Raise a small mound of stone W. of cor.

Land, nearly level land of Fish Springs Flat. Soil, sandy clay and clay.

Timber, none.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the independent resurvey of 1948.

N. 0° 03' W., bet. secs. 31 and 32.

Over nearly level land of Fish Springs Flat.

40.00 Point for the k sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T13S R13W

\$31 | \$32 1960

U. S. COVERNMENT PRINTING OFFICE 16-28520-2 1-1

Survey of a Portion of the Subdivision of T. 13 S., R. 13 W. Chains Raise a small mound of stone W. of cor. Cont. over nearly level land. 80.00 Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T138 R13W **830 829** 831 832 1960 Raise a small mound of stone W. of cor. Land, nearly level. Soil, sandy clay and clay. Timber, none. From the cor. of secs. 28, 29, 32 and 33. N. 89° 59' W., bet. secs. 29 and 32. Over nearly level land of Fish Springs Flat. 40.00 Point for the \ sec. cor. of secs. 29 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd. T13S R13W ¥ 829 832 Raise a small mound of stone N. of cor. Cont. over nearly level land. 80.00 The cor. of secs. 29, 30, 31 and 32. Land, nearly level land of Fish Springs Flat. Soil, sandy clay and clay. Timber, none. General Description T. 13 S., R. 13 W. is located on the south end of Fish Springs Flats and consists entirely of level to rolling bottom land. The Sand Pass Road passes through the extreme southeast corner of section 36. The entire township can be traveled by 2 or 4 wheel drive vehicles in dry weather. There is no timber in the township. The undergrowth consists of shad scale, blackbrush, sage, greasewood and scattered bunch grass.

The soil is mainly heavy clay with some alkali content on the lowest bottom land. The elevation varies from about 4375 to 4700 feet above sea level. No permanent water was noted during the survey.

relade. Chains فقد دورة المناه الأدارة المناه المناه المناه المام انگهای در انتها کو دردگلستان استان از استان انتقاعی در ۱۰۰۰ که اعظام در انتهای انتقاعی این برده عباد در درههای شده انتقاعی که در هایک دردگای از درد که این برده که در درد در در ۱۳۵۶ در ۱۳۵۰ در ۱۳۵۰

4-680 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY			
Donald A. Cannon	Crew Chief (Cornerman)			
James R. Munson	Transitman			
Jeddie J. Judd	Notekeeper			
John D. Carter	Front Chainman			
Dennis D. Bland	Flagman			
······				
	`			

16--53565-2

CERTIFICATE OF CADASTRAL ENGINEER

and supplemental special instructions date with the subdivision of the	ne 25th day of August ,1934 ted May 1, 1959 on of T. 13 S., R. 13 W.
of the Salt Lake Meridian, in the State of	f, which are
represented in the foregoing field notes as having be	een executed by and under my direction; and that
said survey has been made in strict conformity with	h said instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States, an	nd in the specific manner described in the foregoing
field notes.	
Salt Lake City, Utah	Craig P. Sylvester, Cadastral Surveyor
February 1, 1961	Donald A. Cannon, Cadastral Surveyor
CERTIFICATE	OF APPROVAL
	BUREAU OF LAND MANAGEMENT,
	Washington, D. C., APR 1 7 1962 , 19
The foregoing field notes of the survey of _a_po	ortion of the subdivision of T. 13 S., R.
13 W., Salt Lake Meridian, Utah	
executed by Craig P. Sylvester and Donald	A. Cannon, Cadastral Surveyors
naving been critically examined and found correct,	are hereby approved.
	CFX.+
	Gulantyli Engineering Staff Officer.
	Chief, Division of Engineering
Heat Char	Contraction (Contraction)
I CERTIFY that the "regular of conscript of the fi	eld notes of the above-described surveys in T. 13.S.,
R. 13 W., SLM, Utah , is a true copy of the	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF AN	INDEFENDENT RESURVE	1				
OF 1	HE EAST BOUNDARY					
AND A SURVEY OF A PORTION OF THE SUBDIVISION						
OF TOWNSHIP	12 Journa 15	THE I				
·		······				
·		·				
Of the	SALT LAKE	Meridian,				
the State of	UTAH					
E >	KECUTED BY					
Craig P. Sylvester,	Cadastral Surveyor	(Chief of Party)				
Donald A. Cannon, Ca	adastral Surveyor					
nder special instructions dated	August 25,	, 19 36 , which provided				
pplemental Special Instructions	May 11,	1959				
r the surveys included under Gro	•					
d assignment instructions dated	April 28,	, 1960				
Survey commenced	June 9	, 19 <mark>60</mark>				
Survey completed	June 28	, 1960				
	VERNMENT PRINTING OFFICE 18-56770-1					

INDEX DIAGRAM

Townsh	ip 12 SOUTH	<u> </u>	,	Range	15 WEST		
6	5	4	11	³ 13	² 14	1	6
7	8	9	10	10	13	12	5
18	₁₇ 16	16	10	15	14	18	4
19	20	15 21	9	22	23	24	3
30	29	28	8	27	26	25	2
31 18	18 32 17	38	8	34	35 7	7 86	2

16-56770-1

Chains

000, Bada

A portion of the east boundary was surveyed by Joseph Gorlinski in 1880, and a portion surveyed by Ferdinand Dickert in 1882 and independently resurveyed by Elliot Bird in 1948. A portion of the north boundary was surveyed by Ferdinand Dickert in 1882 and independently resurveyed by Elliot Bird in 1948. A portion of the north boundary was surveyed concurrently and shows in the field notes of T. 11 S., R. 15 W. The west boundary was surveyed concurrently and shows in the field notes of T. 12 S., R. 16 W. The south boundary was surveyed concurrently and shows in the field notes of T. 13 S., R. 15 W.

The following field notes are those of an independent resurvey of a portion of the east boundary, a retracement of a portion of the east boundary and a survey of a portion of the subdivisional lines deemed sufficient in extent to facilitate the development of the natural resources and mark the boundaries of those sections normally considered state school sections.

The survey was executed with W. and L. E. Gurley solar transits Nos. 541331 and 541325, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interal ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U.S.G.S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The directions of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 43' 35.20" N. and longitude 113° 28' 18.39" W. as adjusted from traverses to U. S. G. S. triangulation station "Fish."

.e.35-23.8 c

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 45' East.

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Independent Restaure of the B. dis. of T. 12 S. R. 15 W.

Chains

Independent Resurvey superseding the survey executed by Joseph Gorlinski in 1880.

From the cor. of Tps. 12 and 13 S., Rs. 14 and 15 W., amonumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

North, bet. secs. 31 and 36.

Over rolling desert benchland, on W. slope of Fish Range, 65 ft. along rolling W. slope.

- 22.50 Wash, 30 lks. wide, 2 ft. deep, drains W.; asc. 10 ft. along W. slope.
- 28.30 Wash, 2 ft. deep, 10 lks. wide, drains W.; asc. 30 ft. along W. slope.
- 40.00 Point for the 2 sec. cor. of secs. 31 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T12S R15W R14W \$ \$36 | \$31 1960

No evidence of the original cor.

Asc. 20 ft. along W. slope.

- Wash, 3 ft. deep, 10 lks. wide, drains W.; desc. 15 ft. along W. slope.
- Wash, 3 ft. deep, 70 lks. wide, drains W.; asc. 30 ft. along rolling W. slope; enter low hills.
- 80.00 Point for the cor. of secs. 25, 30, 31 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T12S R15W R14W <u>\$25 | \$30</u> \$36 | \$31 1960

Cor. falls on small spur sloping W.; no evidence of original cor.

Land, rolling bench.
Soil, gravelly and rocky.
Timber, none.
Undergrowth, shadscale.

North, bet. secs. 25 and 30.

Over mountainous desert land on W. slopes of Fish Range; desc. 100 ft. over N. slope.

5.50 Wash, 2 ft. deep, 30 lks. wide, drains W.; asc. 15 ft. along W. slope.

. 31 %	Independent Resurvey of the E. Bdy of T. 12 S. R. 15 W.
Chains 12.30	Small wash, drains W.; asc. 140 ft. over S. slope.
32.00	Spur, slopes SW.; asc. 95 ft. over SW. slope.
40.00	Point for the 2 sec. of secs. 25 and 30.
()	Set an iron post, 30 ins. long, 2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	S25 S30
47.80	Asc. 75 ft. over SW. slope.
	Spur, slopes W.; desc. 305 ft. over N. slope.
58.70	Wash, 2 ft. deep, 30 lks. wide, drains W.; asc. 110 ft. over S. slope
64.20	Small spur, slopes W.; asc. 120 ft. over SW. slope.
77.30	Spur, slopes W.; desc. 70 ft. over N. slope.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
CK	R15W R14W S24 S19 S25 S30 1960
	Cor. falls near bottom of small draw draining W.; no evidence of original cor.
	Land, broken mountains. Soil, gravelly with exposed ledges. Timber, very scattered scrub juniper. Undergrowth, shadscale and black brush.
	North, bet. secs19 and 24.
	Over mountainous desert land; asc. 60 ft. over S. slope.
6.00	Spur, slopes W.; desc. 115 ft. over N. slope.
10.90	Wash, 2 ft. deep, 20 lks. wide, drains W.; asc. 120 ft. over S. slope
20.30	Spur, slopes W.; desc. 65 ft. over N. slope.
23.00	Small wash, drains W.; asc. 80 ft. over S. slope.
30.60	Spur, slopes W.; desc. 55 ft. over N. slope.
40.00	Point for the k sec. cor. of secs. 19 and 24a.c.a
Lie waa de	Setuantivon post, 30 ins. longy 2k ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

	Independent Resurvey of the E. bdy of T. 12 8 R.	15 W.
Chains		andruit 🕽
	. C.	06.82
	。	00
		00.00
)) (()	No. evidence of original core; desc. 95, ft. over N. slope	•
48.90	Wash, 2 ft. deep, 20 lks. wide, drains W.; asc. 80 ft. more	ver S. slope
68.80	Spur, slopes W.; desc. 180 ft. over N. slope.	
80.00	Point for the cor. of secs. 13, 18, 19 and 24.	
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in to bedrock, in a mound of stone, 3 ft. base to top, with mkd.	
	T12S . R15W R14W	
	S13 S18 S24 S19	C
		* • • • · · ·
	No evidence of original cor.	
	Land, broken mountain. Soil, gravelly with exposed ledges. Timber, scattered scrub juniper.	
V., 2.1	Undergrowth, shadscale and black brush.	
المنظية المقال		
	North, bet. secs. 13 and 18.	
	Over mountainous desert land on W. slopes of Fish Range; ft. over N. slope.	desc. 70
5 .70	Wash, 3 ft. deep, 20 lks. wide, drains W.; asc. 65 ft. ov	er S. slope
19.20	Spur, slopes N. 70° W.; desc. 100 ft. over N. slope.	
25.30	Wash, 4 ft. deep, 50 lks. wide, drains W.; asc. 80 ft. ov	er S. slope
30.50	Spur, slopes W.; desc. 55 ft. over N. slope.	
40.00	Point for the 1 sec. cor. of secs. 13 and 18.	:
	Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in to bedrock, in a mound of stone, 4 ft. base to top, with mkd.	the ground brass cap
	T12S	
ļ	** ** ** ** ** ** ** ** ** ** ** ** **	ξξ
	S13, S18 S13, S18 S13, S18 S13, S18 S13, S18 S13, S18	(
	No evidence of original % sec. cor.	!
	Desc. 115 ft. over N. slope.	00.8X
48.40	Wash, 3 ft. deep, 50 lks. wide, drains N. 60° W.; asc. 65 W. slope.	ft. along
61.10	Spur, slopes W.; desc. 20 ft. along W. slope over series	!
الماعد عدار	spurs and washes draining Was to show the sound of col	Juarr

		Independent Resurvey of the East Boundary of Ti-12.S., R. 15 W.			
	Chains				
	71.00	Wash, 3 ft. deep, 40 1ks. wide, drains W.; asc. 10 ft. along W. slope.			
	78.10	Small spur, slopes N. 50 W.; desc. 40 ft. over N. slope.			
	80.00	Point for the cor. of secs. 7, 12, 13 and 18.			
		Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.			
		R15W R14W S12 S 17 S 13 S 18 S 1960			
		No evidence of original cor.			
		Land, broken mountains. Soil, gravel and rocky. Timber, scattered juniper.			
٠.	116 .0 33	Undergrowth, shadscale.			
		•9qeitteve .i sic . spelt			
٠.	932 S. B	North, bet. secs. 7 and 12.			
		Over broken mountainous desert land on W. slopes of Fish Range; asc. 20 ft. along W. slope, over series of small spurs and washes draining			
		We see that the second of the			
	19.20	Top of rocky knoll, about 2 chs. diam.; desc. 60 ft. along irregular W. slope.			
	34.30	Wash, 2 ft. deep, 20 lks. wide, drains W.; asc. 20 ft. over S. slope.			
1	40.00	Point for the k sec. cor. of secs. 7 and 12.			
		Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.			
		T12S R15W R14W			
: . .	ie	1960			
	6 .1 .170	No evidence of original & sec. cor.			
		Asc. 20 ft. over S. slope.			
,	45.20	Spur, slopes S. 75° W.; desc. 80 ft. over N. slope.			
	55.30	Wash, 3 ft. deep, 50 lks. wide, drains W.; asc. 65 ft. over S. slope.			
ŀ	60.70	Spur, slopes NW:; desc. 90 ft. over N. slope.			
	74.30	Wash, 3 ft. deep, 50 lks. wide, drains W.; asc. 50 ft. over S. slope.			
	79.00	Spur, slopes W.; desc. 20 ft. over N. slope.			
	80.00	Peint for the cor. of secs. 1, 6, 7 and 12.			
	(. 8	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.			
		to, out as debendance of the second costs of the costs of			

Independent Resurvey of the E. Bdy. of T. 12 S. R. 15 W.

	Independent Resurvey of the E. Bdy. of T. 12 S. K. 15 V	
Chains		Sties
	T12S (Jeen July 1 East)	v0.17
	$\frac{s_1 s_6}{s_{12} s_7} + \frac{s_1 s_6}{s_{12} s_7} + \frac{s_1 s_6}{s_1 s_7} + \frac{s_1 s_7}{s_7} + s_$	Carry
	1960	01.0½¦
	No evidence of the original cor.	
	Land, broken. Soil, gravel with exposed ledges. Timber, scattered juniper. Undergrowth, shadscale.	;
	North, bet. secs. 1 and 6.	;
	Over mountainous desert land on W. slopes of Fish Range; over N. slope.	desc. 50 ft
7.00	Wash, 2 ft. deep, 10 lks. wide, drains W.; asc. 90 ft. or	er S. slope
21.00	Spur, slopes W.; desc. 65 ft. over N. slope.	
22.80	Wash, 2 ft. deep, 10 lks. wide, drains W.; asc. 130 ft. ¢	ver S. slope
37.50	Spur, slopes W.; desc. 45 ft. over N. slope.	!
40.00	Point for the & sec. cor. of secs. 1 and 6.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in to bedrock, in a mound of stone, 3 ft. base to top, with mkd.	
	T12S R15W R14W	V2. V
	si \$6 1960	
	No evidence of original cor.	;
	Desc. 60 ft. over N. slope.	
44.50	Wash, 2 ft. deep, 30 lks. wide, drains W.; asc. 30 ft. ov	er S. slope
50.00	Spur, slopes W.; desc. 150 ft. over N. slope.	
54.50	Wash, 2 ft. deep, 20 lks. wide, drains W.; asc. 100 ft. o	ver S. slope
63.89	Intersect the S. bdy. of T. 11 S., R. 14 W.	
	Point for the closing cor. of secs. 1 and 6.	1
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in to bedrock, in a mound of stone, 4 ft. base to top, with mkd.	the ground brass cap
1	T115 R14W	٠.,
	S31 S1 S6 C C	U T.
	TI2S	(V.0

From this closing cor. the St sec. cor. of sec. 31, T. 11 S., R. 14 W. bears West 6.83 chs. dist., monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

R15W R14W 1960

. * - 2	, Independent Salurway of the East Edy., T. 12 S., R. 15 W.
Chains	
101 (D)	Land, i broken white on a few colors of the
	Soil, gravel with exposed ledges.
	Timber, scattered juniper. Undergrowth, shadscale.
1	
	Colo
1	Survey of a Portion of the Subdivision of T. 12 S., R. 15 W.
	.0.0.0.0
	• in the second of the second
1	From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp.,
1	monumented by an iron post, 24 dns. diam., set, mkd. and witnessed as
	described in the field notes of the concurrent survey of T. 13 S.,
į	R. 15 W.
ļ	N 00 011 M hat are 25 and 20
P	N. 0° 01' W., bet. secs. 35 and 36.
5.2	Over rolling desert land, along a gentle slope.
Daerour i	- 3 41 (260 (- ms.) - 0 - 2) (Co 0 - 1) (Co. 2) (Co 0 - 2)
18.00	Wash, 2 ft. deep, 10 lks. wide, drains W.
40.00	
40.00	Point for the k sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground
	with brass cap mkd.
	•
	. 8
	and and
	.A. (walle research \$35 \$36.0 mm
out sit	1960 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	Raise a mound of stone, 21 ft. base, 2 ft. high, W. of cor.
	Cont. along gentle W. slope.
73.90	Wash, 4 ft. deep, 10 lks. wide, drains W.
, 3 , 30	wash, 4 ft. deep, 10 fks. wide, diaths w.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground
	toobedrock, incarmound of stone, 4 ft. base to top, with brass cap
CC (5.81)	git san describe not to a decay of Tiles and 5W to the first of the contract o
	S26 S25
	S35 S36
	1960 - 19
	Tand william to the
j l	Land, rolling W.slope
	Timber, none.
	Undergrowth, shadscale.
	Service Control of the Control of th
	From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.
	S. 89° 54' W., bet. secs. 25 and 36.
	Land on the second of the seco
	Over hilly desert land on the W. slope of Fish Range; desc. 120 ft.
	over W. slope of spur.
7 50	70 C
7.50	Mase of spur, leave hills; desc. 70 ft. over W. slope.
23.00	Wash, 2 ft. deep, 10 lks. wide, drains N. 70° W.; desc. 85 ft. over
	W. slope.
	a a a a a a a a a a a a a a a a a a
39.93	Point for the k sec. cor. of secs. 25 and 36.

,	Survey of a Portion of the Subdivision of T. 120Si, R.	15 W.
Chains		elado.
	Set an iron post, 30 ins. long, 2½ ins. diam. 3 16dips. 3.1a in a collar of stone, with brass cap mkd.	the ground
	T12ScR15W c g . carg. obsta	} : :
	\$\frac{\x}{\x} \frac{\x}{\x} \	
	Desc. 200 ft. over W. slope.	
79.86	The cor. of secs. 25, 26, 35 and 36.	
	Land, hilly to slightly broken W. slope. 3 10 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	
	Timber, none. Undergrowth, shadscale.	
	From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of monumented by an iron post, 2½ ins. diam., set, mkd. and w as described in the field notes of the concurrent survey o R. 15 W.	itnessed
	N. 0° 02' W., bet. secs. 33 and 34.	
	Over rolling desert land draining NW.	
9.40	Wash, 2 ft. deep, 30 lks. wide, drains NW.	
0.00	Point for the 1 sec. cor. of secs. 33 and 34.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in in a collar of stone, with brass cap mkd.	the ground
	T125 R15W	1
	333. S34 your . o (nc. 1960	(3. J.)
	Cont. over gentle NW. slope.	66. (.
5.10	Top small terrace, bears NE. and SW.; desc. 20 ft. over NW terrace.	. slope of
7.70	Base same terrace, bears NE. and SW.; thence over nearly land.	evel deser
8.20	Trail road, bears NW. and SE.	i
	Point for the cor. of secs. 27, 28, 33 and 34.	! !
8.20		the ground
	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in twith brass cap mkd. Tl2S R15W S28 S27	the ground
	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in twith brass cap mkd. T12S R15W S28 S27 S33 S34 1960	
	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in twith brass cap mkd. Tl2S R15W S28 S27 S33 S34 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.	
	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in twith brass cap mkd. T12S R15W S28 S27 S33 S34 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, sandy clay, some gravel spots.	
	Point for the cor. of secs. 27, 28, 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in twith brass cap mkd. Tl2S R15W S28 S27 S33 S34 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor. Land, rolling.	

• 1 •	. Survey of a Portion of the Subdivision of T. 12 S., R. 15 W.
Chains	
	Over rolling desert land draining Miles con and a con-
10.40	Genter of small stock pond, 2 chs. diam.
40.00	Point for the k sec. cor. of secs. 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R15W
	. 2 3 0 12223 RESTON () .
	S28 S27
	• • • • • • • • • • • • • • • • • • •
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
43.40	Wash, 2 ft. deep, 30 lks. wide, drains NW.
. 69 . 60 .	Wash, 2 ft. deep, 20 lks. wide, drains W.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
• • •	T12S R15W 5
	Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
	Land, rolling. Soil, sandy clay. Timber, none. Undergrowth, shadscale.
C	N. 0° 02' W., bet. secs. 21 and 22.
	Over gently rolling desert land draining W.
17.20	Wash, 2 ft. deep, 40 lks. wide, drains W.; desc. gentle W. slope.
40.00	Point for the 1/2 sec. cor. of secs. 21 and 22.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T12S R15W (0.) (2.) (2.)
	1
	S21 S22 1960
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Asc. 10 ft. along gentle W. slope.
67.20	Wash, 2 ft. deep, 40 lks. wide, drains W.
80.00	Point for the cor. of secs. 15, 16, 21 and 22.
V.,	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T12S R15W <u>\$16 \$15</u> <u>\$21 \$22</u>
	1960

		Survey of a Fortion of the Subdivision of I. 42.8 77 R.	15 W.	
	Chains		Chains	
•		Raise a mound of stone, 3 fts. base, 2 fts. high, it is only to		Ŋ,
!		Land, rolling. which the parecy took than and he toometre Soil, sandy clay.	00.61	
į		Timber, none. Distriction and according to the Undergrowth, shadscale.	CO.04	
	i. u. s.	30. 8. 125. 708., 50 134. 20 5 2 4 . 4 6.6., 1. 1.00. 1. 1. 1. 20. 1. 20. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		
		N. 0° 02' W., bet. secs. 15 and 16.		
		Over gently rolling desert land draining W.		
	7.10	Wash, 2 ft. deep, 30 lks. wide, drains W cm s cors	•	
	40.00	Point for the 2 sec. cor. of secs. 15 and 16.	San San	
		Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	1	i,
		T12S R15W	((.0)	
ا د	K	\$16 \$15ar 3ar 3		
		Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of co	r.	
		Cont. along gentle W. slope.		
	51.20	Wash, 2 ft. deep, 40 lks. wide, drains N. 70° W.; asc. 10 gentle W. slope.	ft. along	
	61.00	Top of small rise, bears E. and W.; desc. gentle NW. slop	e.	
	61.00	Trail road, bears NW. and SE.; desc. 25 ft. over gentle N	1	
	80.00	Point for the cor. of secs. 9, 10, 15 and 16.	i	
		Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	the ground	*
	. * je . t.	T12S R15W S. 4 .426 J. 7 .4.7 .2.4	6	
		• • • • • • • • • • • • • • • • • • •	(0.0)	l
-	·	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.		
		Land, rolling. Soil, sandy clay.	* *	
		Timber, none.	ì	
		Undergrowth, shadscale.		
		N. 0° 02' W., bet. secs. 9 and 10.		
		Over rolling desert land; asc. 15 ft. along gentle W. slop	. !	
	31.70	Top of rise, bears E. and W.; desc. 25 ft. along W. slope.		
	40.00	Point for the k sec. cor. of secs. 9 and 10	.c.e.	
	~ .	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in with brass cap mkd.	the ground,	
		T12S R15W		
		s 9 s 10 1960		

Chains	Surreyl of a Portion of dthe Subdivision of T. 12 St, R. 15 W.	
	Raiseas mound of stoneyed ft. base, 02 ftschighgib. of cor.	
erika (* Georgia	to construct of and commercial and the object of the construction	
C EDIC.	Desc. old ft. balongegentlebweslope.brs. and. dwt. inch.	
80.00	Point for the cor. of secs. 3, 4, 9 and 10.	
	Set an iron post, 30.ins. long, 2½ ins. diam. 24 ins. in the grow with brass cap mkd.	und
	T12S R15W S4 S3 S 9 S10	
	Raise a mound of stone, 2% oft. base, 2 ft. high, W. of cor.	
p. 0. 1	Soil, sandy clay. Timber, none.	
	Undergrowth, shadscale	ŧ
		<u>.</u>
	N. 0° 02' W., bet. secs. 3 and 4.	
•	Over nearly level desertalend, draining W.Darah Beach	
40,00	Point for the k sec. cor. of secs. 3 and 4200 community of the community o	
	Set an iron post, 30 ins long, 22 ins. diam., 24 ins. in the growth brass cap mkd.	ind
	T12S R15W	
و مان و ا	\$4 \$3 21 30 2 0,6555 0.000 0.1960 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	1
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.	
	Cont. along gentle W. slope.	
57.30	Wash, 4 ft. deep, 40 lks. wide, drains S. 60° W.; asc. 55 ft. alon E. slope of small spur which slopes S.	g
80.00	Point for the 1/16 sec. cor. of secs. 3 and 4.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground the brass cap mkd. page product the brass cap mkd. page product the set of th	ind,
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.	:
اد دی دا	Asc. 25 oft. along E. slope	
87 .05	& (
·	Point for the closing cor. of secs. 3 and 4.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the grou in a collar of stone, with brass cap mkd.	nd,
	T11s R15W	į
	534 6 54 S3	!
į	C C	i
	T12S R15W	ł

Survey of Portion of the Subdivision of T. 12084, R. 15 W.

Chains

From this closing correctee St secureer. of sec. 349°T. 11 S., R. 15 W., bears West 4.38 chs. dist., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 11 S., R. 15 W.

Land, rolling.

Soil, sandy clay, rocky N. portion.

Timber, none.

Undergrowth, shadscale.

Point for the cor. of secs. 1 and 2, on the N. bdy. of the Tp., set at proportionate dist. bet. the closing cor. of R. 12 S., Rs. 14 and 15 W., and the closing cor. of secs. 3 and 4, Ti-12 S., R. 15 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T11\$ 0...300 0...00 0...000 0.

Raise a mound of stone, 3 ft. base, 2 ftv high, S. of cor.

From this cor. the State. cor. of sec. 36, T. 11 S., R. 15 W. bears West 4.24 chs. dist. monumented by an iron post, 2½ ins. diam., set. mkd. and witnessed as described in the field notes of the concurrent survey of T. 11 S., R. 15 W.

Point for the & sec. cor. of sec. 2 at midpoint on the N. bdy. of sec. 2, T. 12 S., R. 15 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd.

₹ S2 T12S R15W 1960

Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

From this & sec. cor. the cor. of secs. 35 and 36, T. 11 S., R. 15 W bears West 4.275 chs. dist., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 11 S., R. 15 W.

Point for the cor. of secs. 2 and 3, on the N. bdy. of the Tp. set at proportionate dist. bet. the closing cor. of R. 12 S., Rs. 14 and 15 W., and the closing cor. of secs. 3 and 4, T. 12 S., R. 15 W.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T11S <u>\$35</u> \$3 | \$2 T12S R15W 1960

	Survey of a Rortical of the Subdivision of T. 12(S., R. 15 W.
Chains	Ratise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.
	From this cor. the Sk sec. cor. of sec. 35, T. 11 S., R. 15 W. bears West 4.31 chs. dist., monumented by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent survey of T. 11 S., R. 15 W.
u. sit	From the cor. of secs. 2 and 3, on the N. bdy. of the Tp.
	Over rolling desert land draining W.; asc. 10 ft. along W. slope.
6.85	Point for the 1/16 sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R15W
1	$rac{1}{2} \mathcal{L}_{1} = \{0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0$
3VC	
. 2.5	Raise a mound of stone, 22 ft. base, 2 ft. high, W. of cor.
	Asc. 75 ft. along W. slope.
46.85	Point for the k sec. cor. of secs. 2 and 3.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T12S R15W S3 S2 1960 Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
	Cor. falls on top of low rocky rise which bears E. and W.; desc. 10 ft. along gentle W. slope.
62.30	Wash, 2 ft. deep, 30 iks wide, drains N. 65° W.; asc. 50 ft. over NW. slope.
``	Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground,
	with brass cap mkd. .cce "Gv csm. (minc Gocc
·	
الماد ر	Raise a mound of atone, 3 ft. base, 2 ft. high, W. of cor.
F	Land, rolling to slightly broken. Soil, gravelly clay, rocky spots of the control of the contro
-	The first course of and maked by contract of the contract of
	N. 89° 52' E., bet. secs. 2 and 11.

	Survey of a Portion of the Subdivision of I. 12 Sq. R. 15 W.
Chains	Cusins
	Over slightly borken bench land, draining NW.; asc. 10 ft. over NW. slope.
25.80	Wash, 2 ft. deep, 20 lks. wide, drains NW.; asc. 20 ft. over NW. slope.
34.60	Small wash, drains NW.; asc. 10 ft. over NW. slope.
39.40	Point selected for the witness & sec. cor. of secs. 2 and 11.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base, with brass cap mkd.
	T12S_R15W
40.00	True point for the k sec. cor. of secs. 2 and 11 falls in wash where monument cannot be perpetuated; asc. 10 ft. over NW. slope.
44.00	Wash, 4 ft. deep, 50 lks. wide, drains NW.; asc. 10 ft. over NW. slop
52.00	Wash, 4 ft. deep, 40 lks. wide, drains N. 60° W.; asc. 20 ft. over NW. slope.
61.30	Wash, 2 ft. deep, 30 lks. wide, drains NW.; asc. 50 ft. over NW. slope.
80.00	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T12S R15W <u>S2 S1</u> S11 S12
	1960
	Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
	Land, slightly broken bench. Soil, gravelly and rocky.
	Undergrowth, shadscale.
,	
	N. 0° 02' W., bet. secs. 1 and 2.
	Over slightly broken desert land on W. slopes of Fish Spring Range; desc. 5 ft. over NW. slope.
5.30	Wash, 4 ft. deep, 30 lks. wide, drains N. 70° W.; desc. 20 ft. over NW. slope.
2 4.20	Unimproved road, bears N. 10° E. and S. 10° W.; desc. 15 ft. along W. slope.
31.40	Wash, 2 ft. deep, 30 lks. wide, drains W.; desc. 10 ft. along W. slope.
40.00	Point for the & sec. cor. of secs. 1 and 2,
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.
į	T12S R15W

4 57°---

... Survey of a Pertison of other Subdivistion of To 12'So, R. 15 W. Chains al. 4.3 Desc. 25 ft. over NW slope ? 52.50 Low rocky rise, bears E. and W.; desc. 25 ft. over NW. slope. Cott 65.60 Wash, 2 ft. deep, 30 lks. wide, drains NW.; desc. 20 ft. over NW. wade a momed ow arme, who we, brae, which high, we**ache** 80.00 Point for the 1/16 sec. cor. of secs. 1 and 2. Out. the sec tell, elegtion that and movement operation Set an iron post, 30 ins. long, 22 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap . (1 Destricts R15W . sed . . 1 150 0 . 1/16 8Ò icaidí mar toda, pecaroble. Car oll. . 9 Desc. 10 ft. over NW. slope. ceb . F tential (the aland 86.62 The cor. of secs. 1 and 2 on the N. bdy. of the Tp. Land, slightly broken is a grown and to accommon as is O4. 11 Soil, gravelly with rocky spots. Timber, none. Undergrowth, shadscale. 0.5 From the cor. of secs. 15, 16, 21 and 22. ہ ہیں کا باکی کے باتہ کاستاھے کا ہلاکہ امار سے S. 89° 55' W., bet. secs. 16 and 21. . 52 5 Sect. Over broken desert land; desc. 40 ft. over W. slope. . in a w . 1.350 (ct... Wash, 3 ft. deep, 20 lks. wide, drains NW. about 4 chs. to junction. 35.30 Wash, 4 ft. deep, 60 lks. wide, drains N.; asc. E. slope. 37.40 . . . 192. 08 3013. 5 25 28 28 4 4. 40.00 Point for the 1 sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. _____T12S R15W \$\frac{\frac{1}{2}}{2} \frac{\frac{\frac{\frac{516}{521}}}{\frac{521}{2}}} S21 1960 المال في في الله المرافعين في المالية الشي وراف و المالية Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. and all the second of the second Asc. 10 ft. over ##slope.per D is level السنافاتي الما 46.00 Top of rocky rise, bears S. and N. about 5 chs. to end; desc. 15 ft. over W. slope. 74.30 Wash, 2 ft. deep, 30 lks. wide, drains N.; asc. gentle E. slope. 2.0m ins 201. 08.30.3. 0, 10, 10 6.6 lo. 79.20 Graded dirt road, bears NW. and SE. irregularly. ., ೨೭.. ಕಡಲಾತ. ೨ ೩ ಗೆ ಪಿರ್. Point for the cor. of secs. 16, 17, 20 and 21.

or, revo .ee 02 .ee6 (a.s. ducted Asylved of Asilion revo 80.00 Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. The Language bears 188, and 189, deserble, to Me. over the supper Construer bid & age. cor. or dags. 9 & d to.

	Survey of a Portion of the Subdivision of T. 12 8 12 R. 15 W.
Chains	(3.2)
	T125 R15W 1074 1 21 2254 1 21 2254 1 21 2254 22
.05	
	Raise a mound of stone, 2½ ft. base, 2 ft. high, Woofficor.
	Land, broken & 3 1 .0.00 10 .000 02.00 02.00 22 00.00 20.200 00.00
	Soil, clay with gravel and rocky spots.
	Timber, none
	N. 0° 03' W., bet. secs. 16 and 17.
	Over broken desert land; desc. gentle E. slope.
1.20	Graded dirt road, bears NW. and SE.
7.10	Small wash, drains NE.; desc. 20 ft. along gentle E. slope.
40.00	Point for the & sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.
	. ກໍ່ເຄື່ອງເລຍເຂົ້າ T12S_, R15W ຮອຍເຮັນ ຄົ້າ ພະເພື່ອນີ້ ຄ
	\$17 \$16 1960
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Cont. over rolling desert land.
60.00	Low rise, bears NW. and SE.
73.50	Graded dirt road, bears N. 5° E. and S. 20° W.
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
C 4.	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with brass cap mkd.
	T12S R15W
	<u>S8 S9</u> S17 S16 1960
	Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.
	Land, broken to rolling. Soil, clay with gravel and rocky spots.
	Timber, none. Undergrowth, shadscale. Dr. Dean'd (seem the long of the bound of the long o
• 7	From the cor. of secs. 9, 10, 15 and 16.
	S. 89° 54' W., bet. secs. 9 and 16.
	Over rolling to broken desert land; desc. 20 ft. over gentle NW. slope.
32.90	Trail road, bears NW. and SE.; desc. 10 ft. over NW. slope.
40.04	Point for the 1/2 sec. cor. of secs. 9 and 16.

W. S. SOVERNMENT PETHTING OFFICE 18-28020-

o 03' W., bet. secs. 32 and 33.
rise, bears N. and S.; desc. 10 ft. over NW. slope. 1, 3 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over le E. slope of rise. of low rise, bears N. and S.; thence over gently rolling land. 1, bears N. 5° E. and S. 5° W. cor. of secs. 8, 9, 16 and 17. 1, rolling to broken. 1, sandy clay with some gravel. 1, er, none. 1, regrowth, shadscale. 1, mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S. 1, o 03' W., bet. secs. 32 and 33. rolling desert land draining NE. 1, bears NW. and SE. 1, t for the ½ sec. cor. of secs. 32 and 33.
rise, bears N. and S.; desc. 10 ft. over NW. slope. 1, 3 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 3 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 5 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 5 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 6 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 8 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 8 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 9 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. 1, 10 ft. over the E. slope of rise. 1, 10 ft. over NW. slope. 1, 20 ft. bears NW. and SE. 1, 2 ft. high, N. of cor. 1, 3 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 1, 3 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 2, 4 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 2, 5 ft. high, N. of cor. 2, 5 ft. high, N. of cor. 3, 6 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 3, 6 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 4, 6 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 4, 6 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 4, 6 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 5, 6 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 6, 7 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 6, 8 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 6, 8 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 7, 8 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 8, 10 ft. deep, 60 lks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope. 1, 2 ft. deep,
rise, bears N. and S.; desc. 10 ft. over NW. slope. 1, 3 ft. deep, 60-1ks. wide, drains N. 30° W.; asc. 10 ft. over the E. slope of rise. of low rise, bears N. and S.; thence over gently rolling land. 1, bears N. 5° E. and S. 5° W cor. of secs. 8, 9, 16 and 17. 1, rolling to broken. 1, sandy clay with some gravel. 1, sandy clay with some gravel. 1, the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S. 5 W. 1 03' W., bet. secs. 32 and 33. 1 rolling desert land draining NE. 1 bears NW. and SE. 1 t for the ½ sec. cor. of secs. 32 and 33.
of low rise, bears N. and S.; thence over gently rolling land. I, bears N. 5° E. and S. 5° W. V. cor. of secs. 8, 9, 16 and 17. I, rolling to broken. I, sandy clay with some gravel. In the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S. 5 W. O3' W., bet. secs. 32 and 33. rolling desert land draining NE. bears NW. and SE. t for the ½ sec. cor. of secs. 32 and 33.
of low rise, bears N. and S.; thence over gently rolling land. I, bears N. 5° E. and S. 5° W. V. cor. of secs. 8, 9, 16 and 17. I, rolling to broken. I, sandy clay with some gravel. er, none. rgrowth, shadscale. In the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S., 5 W. O3' W., bet. secs. 32 and 33. rolling desert land draining NE. , bears NW. and SE. t for the ½ sec. cor. of secs. 32 and 33.
cor. of secs. 8, 9, 16 and 17. I, rolling to broken. I, sandy clay with some gravel. In the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S. S W. O3' W., bet. secs. 32 and 33. rolling desert land draining NE. , bears NW. and SE. t for the ½ sec. cor. of secs. 32 and 33.
the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S. 5 W. O3' W., bet. secs. 32 and 33. rolling desert land draining NE. t for the ½ sec. cor. of secs. 32 and 33.
er, none. rgrowth, shadscale. the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S. 5 W. 03' W., bet. secs. 32 and 33. rolling desert land draining NE. t for the ½ sec. cor. of secs. 32 and 33.
the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., mented by an iron post, 2½ ins. diam., set, mkd. and witnessed escribed in the field notes of the concurrent survey of T. 13 S., 5 W. ° 03' W., bet. secs. 32 and 33. rolling desert land draining NE. , bears NW. and SE. t for the ½ sec. cor. of secs. 32 and 33.
o 03' W., bet. secs. 32 and 33. rolling desert land draining NE. , bears NW. and SE. t for the ½ sec. cor. of secs. 32 and 33.
t for the ½ sec. cor. of secs. 32 and 33.
t for the ½ sec. cor. of secs. 32 and 33.
t for the ½ sec. cor. of secs. 32 and 33.
an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, collar of stone, with brass cap mkd.
** ** T125 R15W + (2.30% - 2.30% - 3.3
・ハン ハ ラ CA ・CE CE - S32 S33・ - 45 - ハ ・ ユC ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・
. over gently-rolling-desert land.
t for the cor. of secs. 28, 29, 32 and 33.
an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, collar of stone, with brass cap mkd.
. ju uzuž posa su pa tl25, R15W i jas 16 su osto su su <u>S29 S28</u>
. 12 4 2 . S32 S33
rolling.
, sandy clay. er, none. ergrowth, shadscale.

Survey of a Portion of the Subdivision of T. 12 S., R. 15 W.

Chains

N. 0° 03' W., bet. secs. 31 and 32.

Over gently rolling desert land; desc. 105 ft. over NE. slope.

24.00

Land changes to nearly level bottom land draining NE.

40.00

Point for the 2 sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T125 R15W \$31 | S32 1960

Cont. over nearly level land,

80.00

Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a collar of stone, with brass cap mkd.

T12S R15W <u>\$30 | \$29</u> \$31 | \$32 1960

Land, rolling gently. Soil, clay with sand. Timber, none. Undergrowth, shadscale.

From the cor. of secs. 28, 29, 32 and 33.

S. 89° 54' W., bet. secs. 29 and 32.

Over gently rolling desert land.

Graded dirt road, bears N. and S.

9.00

·

Point for the & sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground in a collar of stone, with brass cap mkd.

T12S R15W 3 S29 \$32 1960

Cont. over gently rolling desert land draining NE.

79.98

The cor. of secs. 29, 30, 31 and 32.

Land, rolling. Soil, sandy clay. Timber, none.

Undergrowth, shadscale.

ortiad)

Chains

General Description

The extreme west portion of T. 12 S., R. 15 W. extends onto the west slopes of the Fish Springs Mountain and is very broken. The remainder of the township consists of rolling to slightly broken desert land with some low hills in the west and south portions.

There are many roads within the township leading to winter sheep camps and stock ponds. Most of the township can be traveled with four wheel drive vehicles.

The elevation varies from about 4800 feet above sea level on the bottom land to about 6000 feet above sea level on the west slopes of the Fish Springs Mountain.

The timber consists of a few scattered juniper along the east boundary. The undergrowth is almost entirely shadscale.

No permanent water was noted during the survey.

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+	Chains	يبورين مين عبريوي باريوي بين مينون المين مينون المينوب عبريوي مينون المينوب عبريوي المينوب المينوب المينوب الم	Chains
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4-680 Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Donald A. Cannon	Crew Chief and Cornerman
James R. Munson	Transit
Jeddie J. Judd	Notes
John D. Carter	Front Chain
Dennis D. Bland	Flagman
······	
······	

16---53565-2

CERTIFICATE OF CADASTRAL ENGINEER

KWe, Donald A, Cannon and Craig	P. Sylvester , HEREBY CERTIFY upon honor that,
pursuance of special instructions bearing date and supplemental special instruct wes have surveyedindependently_resurve	e of the 25th day of August ions dated the 11th day of May, yed the east boundary and surveyed a portion
	outh, Range 15 West
	<u> </u>
of the Salt Lake Meridian, in the S	tate of, which are
represented in the foregoing field notes as have	us our ring been executed by see and under my direction; and that
said survey has been made in strict conformit	ty with said instructions, the Manual of Instructions for the
Survey of the Public Lands of the United Sta	tes, and in the specific manner described in the foregoing
field notes.	_
Salt Lake City, Utah	Donald A. Cannon, Cadastral Surveyor
April 11, 1961	Craig F. Sylvester, Cadastral Surveyor
CERTIFIC	CATE OF APPROVAL
	Bureau of Land Management,
	Washington, D. C.,APR 1 7 1962, 19
The foregoing field notes of the same respective.	independent resurvey of the east boundary and
survey of a portion of the subdivis	ion of T. 12 S., R. 15 W., Salt Lake Meridian,
Utah	
executed by Donald A. Cannon and Cr	aig P. Sylvester, Cadastral Surveyors
having been critically examined and found co	rrect, are hereby approved.
	I firming ton
_	Chief, Division of Engineering
CERTIFICA	TE OF TRANSCRIPT
I CERTIFY that the foregoing transcript of	the field notes of the above-described surveys in
The second secon	of the original field notes.
	Custostral Bugineering Stof Office.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

· · · · · · · · · · · · · · · · · · ·	UF A I	DEPENDENT RESURVEY	
	OF THI	E EAST BOUNDARY OF	
•••	TOWNSHIP	12 SOUTH, RANGE 17	WEST
			WEST
	ZONIGHT 1		
		OF THE EAST BOUNDA	
	A SURVEY	OF THE EAST BOOKEA	
	AND PORTI	ON OF THE SUBDIVIS	ION
· ·	OF TOWNSHIE	P 12 SOUTH, RANGE 1	6 WEST
	Of the	SALT LAKE	
n the State o	f	UTAH	
	EV	ECUTED BY	
		ALCOILD BI	
	Craig P. Sylvester,	Cadastral Surveyor	
		·	
·	·		
Inder special	instructions dated Special Instructions	August 25 May 11	, 19_36, which provided 1959
			, approved May 12, 1959
nd assignme	nt instructions dated	April 28	, 19_60
	Survey commenced	June 13	, 19.60
	Survey completed	June 29	, 19.60

INDEX DIAGRAM

	Township	4	12 SOUTH	, Range	16 WEST 2	2
.0	•	•	4	19	22	21 , 1
				21	20	20
9	7	•	•	18 10	11	19 1
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			24			
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		27	: Handa fan ei die Hand			. 16
•	81 20	5 -	25 🖦	16 🚜		15 🖦 11
	-					000 000110

. Township 12 South, Range 16 West - - c

Chains

5 - 1 **s**a

The north boundary was surveyed by T. C. bailey in 1882. The count boundary was surveyed by Alonzo J. Stookey in 1889, and dependent resurveyed by Elliot Bird in 1950. The south boundary was surveyed concurrently and shows in the field notes of T. 13 S., R. 16 W.

The following field notes are those of a dependent resurvey of the east boundary of T. 12 S., R. 17 W., and the south boundary of T. 11 S., R. 16 W., and a survey of the east boundary and a portion of the subdivision deemed sufficient in extent to facilitate the development of the natural resources, and mark the boundaries of those sections that are normally considered state school sections.

Before restoring corners, the lines of the original survey were retraced and a diligent search made for any evidence of the original corners. The rules of proportionate measurement were applied to ascertain the position of the lost corners after every reasonable possibility of finding direct evidence of the corner had been exhausted.

The survey was executed with W. & L. E. Gurley solar transit no. 541325 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39°43'34.75"N. and longitude 113°35'01.96"W. as adjusted from traverses to U. S. G. S. triangulation station Fish.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16^{\circ}30'$ East.

Dependent Resurvey lof the South and The Transfer 11 S. R. 16 W.

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en age was pendent resurvey of Pheveouth boundary of T. 1195. R. 16 W. with the soundary of T. 1195. R. 16 W. with the soundary of T. 1105. R. 16 W. with the soundary of the 
       vejed comparenti, unu smomo im the méter motes of 2. 15 p., ... 1.
Dependent Resurvey reestablishing the survey executed by T. C.

10 Syung Bailey in 1882 to occup our color of the first of the sum of the survey executed by T. C.

11 To Syung Bailey in 1882 to occup our color of the survey executed by T. C.

12 Syung Bailey in 1882 to occup our color of the survey executed by T. C.

13 Syung Bailey in 1882 to occup our color of the survey executed by T. C.

14 Syung Bailey in 1882 to occup our color of the survey executed by T. C.

15 Syung Bailey in 1882 to occup our color of the survey executed by T. C.

16 Syung Bailey in 1882 to occup our color of the survey executed by T. C.
        - colover of The original core of Tos - 11 and 12 8 50 Rgs. 15 and 16 W. marked
     oc occas by a mound of dirt with small stones around, and remains of decayed
                                     . wood in center of mound, with faint trace of pits. This point now
                        functions as the cor. of Tps. 11 S., Rs. 15 and 16 W., only.
At the correspoint to all and correspond outlier.
                                              , or our country \gamma_{ij} is the Comban reliable of \gamma_{ij} . Since n , we have n
        Set an iron post 30 ins. long, 21 ins. diam. 24 ins. in the ground,
               Libb dowith brass cap mkdq new occi and no curred and
                 gossos and see the second second second to the second seco
                                                                                                                                         T11S
                                                                                                                           R16W R15W
           اللَّهُ وَوَقَعَ فَيَ الْمُعَلِّمِ وَالْمُعِيْدِ وَمِنْ مُعَالِمُ لَا يَالِي فَيْ الْمُعَالِمِ وَمَ
         eval to N. 898:41 Jow, along the S. bdy. of see: 36.049 if be multi-
    V. J. D. Over gently rolling desert land, Described to Control
                                              in ed do nocembly previously doublemated comethy ble me
                                      ePoint for the tosec. cor. of sec. 36, T. 11-Sin R. 16 W. at proport
                                      dist., there is no remaining evidence of the original corner.
           .. 0. . .
                                       lus opecutar in telucação o, quá o univasio all cons
                                      Set_an iron post: 30 instalong; 2½ ins. diam. 24 ins. in the ground,
                                        and in a collar of stone, with brass cap mkd: Colonia
                                         -01 : Fig. 5 and 525m 515 be 	extbf{TDIS} \circ 	extbf{R16W} such that (35...
                                     For resum on the condition of rac{1}{2}
                                     we don't the legan period \cdot in the College confict in the restriction of resonance \cdot
                                      Contacoverygently rolling desert land. 120 ED: OMGA TODA
                                                    Longvel escartel so so sob socted to book en sour
         .55.70. Bulldozed road, bears NE. and SW. Comb . Comb to Gazzing.
                                       Graded dirt road, Fish Springs Road to Trout Creek, bears NE. and SW.
            75.10
                                       Carebano, or big and the company of the confidence
                                        The original cor. of secs. 1, 2, 35 and 36 marked by a stone
     :v:83..30 .
                                       10x12x14 firmly set and plainly mkd. I notch on E. and 5 notches on
         1.5 ...
                                      W. face, to made the business we can be a temperature behavior
                                                      Construction of the contraction 
                                       At the cor. point
                                                                                                                                                                        . jevine alt le sesi
                                  Set an iron post 30 ins. long, 22 ins. diam. 24 lns. in the ground,
         and in a collar of stone, with brass cap mkd.
                                     water to the sum of the second of the second points of the second points.
                                                                                                                                    T11S R16W
                                                with Conduct of the Labour Fis<mark>8350836</mark> whoch bedo jam of M
The Conduct of the Labour Conduct of Conduct
1960 which is called the Conduct
                        to be a second of the contract of
                                      Bury the original cor. stone alongside iron post.
                                       Land, gently rolling
                                      Soil, sandy clay
                                       Timber, none
                                      Undergrowth, shadscale and sage
                                     N. 89° 37' W. along the S. bdy. of sec. 35.
                                     Over gently rolling desert land draining N.
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8. 8. GOVERNMENT PRINTING OFFICE 16-28420-2

, ķi	Bepandent Resurvey South Boundary T. 11.8., R. 16.W.
Chains 41.83	The original & sec. cor. of secs. 2 and 35, monumented by a wood
	stake with faint trace of marks.
	At the cor. point. Coc.
. à 60 _%	and in a collar of stone, with brass cap mkd.
	7115 R16W (22.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.5 (2.
e e	Bury the original cor. post alongside the iron post.
	N. 89° 18' W. beginning new measurement.
, c. &s:	Cont. over gently rolling desert land.
41.58	The original cor. of secs. 2, 3, 34 and 35, marked by a wood post set in ground with faint trace of markings.
e ki di	At the cor. point
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T11S R16W S34 S35
	Bury original post alongside iron post
	Land, gently rolling Soil, sandy clay Timber, none
•	Undergrowth, shadscale, sage and greasewood.
	N. 89° 40' W. along the S. bdy. of sec. 34.
. · · · · · · · · · · · · · · · · · · ·	Over gently rolling desert land draining N.
40.72	The original k sec. cor. of secs. 3 and 34, marked by a charred juniper stake with dim marks.
	At the corner point
. KO O	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T11S R16W
	Bury the original post alongside iron post.
9	
	N. 89°21' W. beginning new measurement.
41.19	The original cor. of secs. 3, 4, 33 and 34, marked by a wood stake lying on ground, no legible marks, faint trace of pits.
A L. C.	At the corner, point to be constituted to the constitute of the co
სუკ ფ	Set an iron post 30 ins. long, 22 ins. diam. 24 ins. in the ground,

The state Resurvey of the South The State Two 11-Sale Registers

Chains

with brass cap mkd.

T11S R16W S33 S34 1960

Bury the original post and a large boulder alongside iron post.

Land, gently rolling Soil, sandy clay Timber, none

Undergrowth, shadscale, sage and greasewood.

S. 89° 57' W. along the S. bdy. of sec. 33.

Over gently rolling desert land.

The original & sec. cor. of secs. 4 and 33, marked by pieces of decayed stake and faint trace of pits.

At the corner point

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T11S R16W 2 S33 1960

Bury decayed wood and one large boulder alongside iron post

N. 89° 04' W. beginning new measurement.

The original cor. of secs. 4, 5, 32 and 33, marked by a cedar stake set in ground, plainly mkd. 4 notches on E. and 2 notches on W. face, faint trace of pits.

At the corner point

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T11S R16W S32 | S33 1960

Bury original cor. post and one large boulder alongside iron post

Land, rolling
Soil, sandy clay
Timber, none
Undergrowth, shadscale, s

Undergrowth, shadscale, sage and greasewood.

N. 89° 37' W.. along the S. bdy. of sec. 32.

Over gently rolling desert land.

39.20 E. edge of terrace, bears N. and S., desc. 15 ft. over W. slope of terrace.

The original & sec. cor. of secs. 5 and 32 marked by a sandstone 10x10x6, dimly mkd. &, small mound of stone.

Set an iron post 30 ins. long, 21 ins. diam. 24 ins. in the ground,

Dependent Resurvey of the South Boundary of the Linds, p.R. 16 W. Chains and in a collar of stone, with brass cap mkd. T11S R16W o at**≵ <u>832</u>** ozortu ili () ∈ 1960 Bury original cor. stone alongside of iron post. Cor. fallsabout half way down W. slope of terrace. N. 89° 39' W. beginning new measurement. Desc. 20 ft. over W. slope of terrace. 2.00 Base of terrace, bears N. and S. irregular, desc. 30 ft. W. slope of wide swale in desert. 24.20 Wash in bottom of swale, drains NW. irregular, asc. 60 ft. over E. slope of swale. W. crest of swale, bears N. and S. irregular, asc. over gently roll-40.80 ing desert land, draining NE. 41.38 Point for the cor. of secs. 31 and 32, T. 11 S., R. 16 W. at prop. dist. there is no remaining evidence of the original corner Set an iron post 30 ins. long, 2 ins. diam. 24 ins. in the ground, with Brass cap mkd? TIIS RI6W S31 S32 Placed one large boulder N. of iron.post Land, rolling Soil, sandy clay Timber, none Undergrowth, shadscale, sage and greasewood. N. 89° 39' W. along the S. bdy. of sec. 31. Over gently rolling desert land, draining NE. 41.38 The original $\frac{1}{4}$ sec. cor. of secs. 31 and 6, marked by a stone 3x6x8 ins. mkd. & , also remains of decayed stake. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd. Tlls R16W k S31 Bury decayed stake and original cor. stone alongside iron post. Raised mound of stone 21 ft. base, 2 ft. high N. of cor. S. 89° 52' W. beginning new distance. Cont. over gently rolling desert land.

41.66

The cor. of Tps. 11 and 12 \$2, Rgs. 16 and 17 W. marked by an iron post 3 ins. diam. set, mkd. and witnessed as described in the official record.

Dependent Resurvey of the South . T. 21 S. R. W. Chains Land, rolling and process of د برها شار في شاه للأنف الله الأناب Soil, sandy clay Timber, none Undergrowth, shadscale, and sage Dependent resurvey of the east boundary of T. 12 S., R. 17 W. and the establishment thereon of new cors. pertaining to T. 12 S., R. 16 W. at latitudinal intervals of 40.00 chains north of the closing cor. of Tps. 12 and 13 S., R. 16 W. Reestablishment of the Survey executed by Elliot Bird in 1950. From the cor. of Tps. 12 and 13 S., R. 17 W. monumented by an iron post 3 ins. diam. set and witnessed as described in the official record and remkd. as described in the field notes of T. 13 S., R. 16 N. 0° 05' W. along the E. bdy. of sec. 36. . W. L. Over gently rolling desert land. The cor. of Tps. 12 and 13. S., R. 16 W. marked by an iron post, 21 ins diam, set, mkd., and witnessed as described in the concurrent survey of the N. bdy. of T. 13 S. R. 16 W. marked by an iron post 1 in. diam. .'6.10 39.73 set, mkd, and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only. Gabg.covi S36 1950-60 N. 0° 02' W. beginning new measurement. 6.37 Point for the Wax sec. cor. of secs. 31, T. 12S., R. 16 W. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd. T12S R17W R16W S31 Cont. over rolling desert land. The cor. of secs. 25, 30, 31 and 36 marked by an iron post 2 ins. diam 39.43 set, mkd., and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only. Can want of the Carlot and the Carlo a last eguses T12S (417W R16W) 5 C. to 20 5 C. <u>\$25</u> | **\$**31 S36 1950-60 J. C. II. Land, rolling desert

N. 0° 03' W. along the E. bdy. of sec. 25.

o. d.em. 300 libt. tod håpadssåd tid næ3000 å

Undergrowth, shadscale and sage and sage and a second of the same and sage and sage

Timber, none

Dependent Resurvey of the East Boundary of T. 12 S., R. 17 W.

Chaine

Over gently rolling desert land.

6.94 Point for the cor. of secs. 30 and 31, T. 12 S., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R17W R16W S25 | \$30 531 1960

20.94 Graded dirt road, NE. to Fish Springs and Sw. to Trout Creek; desc. over gently rolling desert hand draining N.

40.51 The k sec. cor. of secs. 25 and 30, monumented by an iron post 1 in. diam. set, mkd. and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only.

S25 | 1950-60

N. 0° 03' W. beginning new measurement.

6.43 | Point for the Wk sec. cor. of sec. 30, T. 12 S., R. 16 W.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 23 ins. in the ground, and in a collar of stone, with brass cap mkd.

T125 R17W R16W | ½ | S30 1960

40.16 The cor. of secs. 19, 24, 25 and 30 monumented by an iron post 2 ins. diam. set, mkd, and witnessed as described in the official record. This cor. was remkd.

T12S R17W R16W S24 S25 S25 S30

Land, gently rolling Soil, sandy clay Timber, none Undergrowth, shadscale and sage.

N. 0° 02' W. along the E. bdy. of sec. 24.

Over gently rolling desert land.

6.27 Point for the cor. of secs. 19 and 30, T. 12 S., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T12S R17W R16W S24 S19 S30 1960 the appropriate of the Boots and the Table 12 and the Table

Chains Raised mound of stone 21 ft. base, 2 ft. high E. of core

34.30 Wash, 4 ft. deep, 40 lks. wide, drains N. 35° W., coat, ever gently rolling desert land.

40.20 The k sec. cor. of secs. 19 and 24 monumented by an iron post 1 in. diam. set, mkd., and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only.

\$24 | 1950-60

N. 0° 04' W. beginning new measurement.

6.07 Point for the Wk sec. cor. of sec. 19, T. 12 W., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

sala, il o, Lave

Raised mound of stone 21 ft. base, 2 ft. high E. of cor.

The cor. of secs. 13, 18, 19 and 24, monumented by an iron post 3 ins. diam. set, mkd., and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only.

T12S R17W R16W S13 S19 S24 S19 1950-60

Land, rolling Soil, sandy clay Timber, sone Undergrowth, shadscale.

N. 0° 03' W. along the E. bdy. of sec. 13.

Over gently rolling desert land.

5.81 Point for the cor. of secs. 18, and 19, T. 12 S., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T125 R17W R16W S13 | 818 S19 1960

Raised mound of stone 24 ft. base, 2 ft. high E. of cor.

40.18 The & sec. cor. of secs. 13 and 18, monumented by an iron .post 1 in. diam. set, mkd., witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only.

\$13| 1950-60

Dependent Resurvey of the East Boundary of T. 12 St. R. 17 W. Chains Nico of 03 to Wie beginning her measurement. 5.63 Point for the Wk sec. cor. of sec. 10, T. 12 S., R. 16 W. Set an iron post 30 ins. long, 22 ins. diam. 22 ins. in the ground, and in a collar of stone, with brass cap mkd. THE STATE OF The Mark Control of the R17W R16W and have the same Ł **6**18 1960 Cont. over gently rolling desert land. The cor. of secs. 7, 12, 13 and 18, monumented by an iron post 3 ins. 40.21 diam. set, mkd., and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only. T128 R17W R16W <u>S12</u> S18 S13 1950-60 Land, rolling Soil, sandy clay Timber, none Undergrowth, shadscale and sage. N. 0° 03' W. along the E. bdy. of sec. 12. Over gently rolling desert land. 5.42 Point for the cor. of secs. 7 and 18, T. 12 S., R. 16 W. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd. T12S R17W R16W S12 | S7 | S18 1960 Raised mound of stone 21 ft. base, 2 ft. high E. of cor. 40.21 The & sec. cor. of secs. 7 and 12, monumented by an iron post 1 in. diam. set, mkd., and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only. S12 1950-60 N. 0° 03! W. beginning new measurement. Contract Contract The second of the second 5.5.21 C Point for the Wk sec. cor. of sec. 7, T. 12 S., R. 16 W. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd. Carrier Comment De la Commenta T12S **R17W R16W**

> |\$7 1960

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Dependent Resurvey of the East Boundary of B 12 S. R. 17 W.

Chains

Raised mound of stone 21 ft. base, 2 ft. high E. of sor,

14.11

Trail road, bears E. and W.

30.00

Graded dirt road, bears N. 30° W. and S. 30° R.

40.21

The cor. of secs. 1, 6, 7 and 12, monumented by an iron post 3 ins. diam. set, mkd., and witnessed as described in the official record. This cor. was remkd and mow functions for T. 12 S., R. 17 W. only.

T12S R17W R16W S1 S7 S12 S7 1950-60

Land, rolling Soil, sandy clay Timber, none Undergrowth, shadscale and sage.

N. 0° 03' W. along the E. bdy. of sec. 1.

Over gently rolling desert land.

5.00 Point for the cor. of secs. 6 and 7, T. 12 S., R. 16 W.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam; 24 ins. in the ground, with brass cap mkd.

T12S R17W R16W S1 | S6 S7 1960

Raised mound of stone 21 ft. base, 2 ft. high E. of cor.

40.21

The \$\frac{1}{2}\ \text{sec. cor. of secs. l and 6, monumented by an iron post 1 in. diam. set, mkd., and witnessed as described in the official record. This cor. was remkd. and now functions for T. 12 S., R. 17 W. only.

な 81| 1950-60

N. 0° 02' W. beginning new measurement.

4.79

Point for the Wz sec. cor. of sec. 6, T. 12 S., R. 16 W. falls on graded gravel road, Sand Pass, to Callao which bears NW. and SE.

At the cor. point deposit broken glass 2 ft. below road surface.

From which:

An iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base to top with brass cap mkd. R.M., T. 12 S., R. 16 W., $\frac{1}{2}$ S6, 20 ft., with arrow pointing to cor. bears N. 53° 10' E., 20 ft. dist.

An iron post 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground with brass cap mkd. R.M., T. 12 S., R. 16 W. $\frac{1}{2}$ S6, 30 ft., with arrow pointing to cor. bears S. 13° 12' E., 30 ft. dist.

Raise a mound of stone 21 ft. base, 2 ft. high W. of monument.

d CTE- A

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Bependent Reservey of the East Boundary of the 12 SYOVE 17 W
Chains
                                                                           2 (cast 5
          Point for the 1/16 sec. cor. of sec. 6, T. 12 S., R. 16 W.
 44.79
         Set an iron post 30 ins. 15ng, 22 ins. diam. 24 ins. in the ground,
         with brass cap mkd.
                               .W wiked 1125 has be added the class . Fet;
                                    R17W R16W
                                                           المكاديقي الأشتيان
                                          1/16
                                          S6
                                                          4700 (27)
                                          80
                              သ<sup>လု</sup>တ်သို့ရေးသည်ရှင်းလိုပါတော် စည်းသော သေသည်။ လုတ်လုပ်သည်သည်။ လ
         Raised mound of stone 21 ft. base, 2 ft. high E. of cor.
55.42
         The cor. of Tps. 11 and 12 S., Rgs. 16 and 17 W. marked by an iron
         post 3 ins. diam. set, mkd., and witnessed as described in the official record.
         Land, rolling with the water him to assume the many and a
         Soil, sandy clay
                                ي، ياليي ين يني يني، يندهي شيد
         Timber, none
         Undergrowth, shadscale and sage.
                      · Orange de la livera de de la 1962 la livera
         Survey of the East Boundary T. 12, S., R. 16 W.
         From the cor. of Tps. 12 and 13 S., Rgs. 15 and 16 W. monumented by
         an iron post 21 ins. diam. set, mkd., and witnessed as described in
         the field notes of T. 13 S., R. 16 W.
         North, bet. secs. 31 and 36.
         Over hilly desert land, asc. 150 ft. over irregular S. slope.
15.90
         Spur, slopes SE., desc. 125 ft. along E. slope.
         Spur, slopes NE., desc. 40 ft. over NW. slope.
30.00
40.00
         Point for the & sec. cor. of secs. 31 and 36.
         Set an iron post 30 ins. long, 2½ ins. diam. 12 ins. in the ground,
         to be cook; and in a mound of stone 4 ft. base; to top,, with brass cap mkd.
                                       T12S
                                   R16W R15W
                                    S36 S31
                                    1960
         Desc. 90 ft. over NW. slope.
50.40
         Spur, slopes NW., desc. 105 ft. over N. slope.
               2 ft. deep, 20 lks. wide, drafns NE., asc. 30 ft. over SE.
62.20
        Wash,
         slope.
71.30
         Low spur, slopes SW., desc. 45 ft. over NW. slope.
80.00
        Point for the cor. of secs. 25, 30, 31 and 36.
        Set an iron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground, to bedrock, and in a mound of stone 3 ft. base to top, with brass
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U. 4. COVERNMENT PRINTING OFFICE :: 16-26500-2

cap mkd.

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CASTI

Survey	of the	East Boundary	T. 12	S.,	R. 16 W.	nese odas o
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• • •	Survey of the East Boundary T. 12 S., R. 16.W. mb. sand	
Chains	T12S	į
	R16W R15W S25 S30	1
Ç	\$36 \$31 1960	
	Cor. falls in small swale draining W.	
	Land, hilly Soil, gravel and rocks	
	Timber, none	
	Undergrowth, shadscale and black brush	
	North, bet. secs. 25 and 30.	_
÷	Over hilly desert land, asc. 10 ft. along W. slope.	
9.70	Slope changes, desc. 70 ft. over NE. slope.	
20.90	Wash, 2 ft. deep, 10 lks. wide, drains E., desc. 30 ft. along E. slope of draw.	
40.00	Point for the k sec. cor. of secs. 25 and 30.	
	Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 12 ins. in the ground, to bedrock, and in a mound of stone 3 ft. base to top, with brass cap marked.	
	T12S	
	RI6W RI5W	
	S25 S30 1960	
	Desc. 10 ft. along E. slope of draw.	
48.00	End of desc. along E. slope, asc. 130 ft. over SE. slope.	
63.90	Spur, slopes NE., desc. 30 ft. over gentle N. slope, leave low hill	s.
80.00	Point for the cor. of secs. 19, 24, 25 and 30.	
. ,	Set an iron post 30 ins. long, 2½ ins. diam. 15 ins, in the ground bedrock and in a mound of stone 2½ ft. base, to top, with brass cap mkd.	to
	T12S	
	R16W R15W S24 S19	
	\$25 \s30 1960	
	Land, hilly	
	Soil, gravel and rocks	
	Undergrowth, shadscale	
	North, bet. secs. 19 and 24.	
	Over slightly broken desert land, desc. 20 ft. over N. slope.	
40.00	Point for the * sec. cor. of secs. 19 and 24.	
	Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 10 ins. in the ground, to bedrock, and in a mound of stone 3 ft. base to top, with brass cannot be set of the se	
	mkd.	٠Þ

C #1 .~ +

Survey of the East Boundary T, 12 S., R. 16 W Chains T12S bes to . a Richt R15No 3 ml. 8 m 4 m . maxb . 6 d ga **524 S19** and 0 c 1960 Desc. 170 ft. over N. slope. 80.00 Point for the cor. of secs. 13, 18, 19 and 24. Set an iron post 30 ins. Long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd. T12S S13 S18 ر فالمالكية. S24 S19 ... 1960 ئ، گائدىش، شەھ . 87 .. Land, slightly broken Soil, gravelly Timber, none IN LESS Undergrowth, shadscale and sage Over rolling desert land, desc. 50 ft. over gentle N. slope. Point for the k sec. cor. of secs. 13 and 18. 40.00 Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd. T12S R16W R15W Ci. S13 S18 : ::1960 . 🐱 Desc. gentle N. slope. 41.90 Wash, 3 ft. deep, 20 lks. wide, drains NW., desc. 20 ft. over gentle N. slope. 72.00 Slope becomes steeper with rocky spots, desc. 45 ft. over N. slope. 80.00 Point for the cor. of secs. 7, 12, 13 and 18. Set an iron post 30 ins. long, 21 ins. diam. 10 ins. in the ground, to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T12S R16W R15W S12 S7 S13 S18 1960 Land, slightly broken Soil, gravelly with rocky spots Timber, none Undergrowth, shadscale. 3 L TV . North, bet. secs. 7 and 12.

Over slightly broken desert land, desc. 170 ft. over N. slope.

	Survey of the East Boundary To di 2 S . R. 2. 16 M. 10 vevrus	
Chains	, :: AX	Clining
40.00	Point for the 2 sec. cor of secs. 7 and 12.	
		İ
	Set an iron post 30 ins. long; 2½ ins. diam. 24 ins. in twith brass cap mkd.	he ground,
	T12\$0.80	
		00.08
10 to 0 1 1 13		
	Raised mound of stone 3 ft. base, 2 ft. high W. of cor.	
	Desc. 80 ft. over N. slope.	
80.00	Point for the cor. of sees. 1, 6, 7 and 12.	! !
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the with brass cap mkd.	he ground,
	R16W&R\$5W	
	\$1.0 S6 a cust of the contract	
	S12 S7 1960	
	Raised mound of stone 2½ ft. base, 2 ft. high Woof cor.	
	Land, slightly broken to action product the public to the	
	Soil, gravelly Timber, none has a large to the state of t	(6.3
	Undergrowth, shadscale.	
	. In a constant with the property of the constant $(\mathbf{c}_1, \mathbf{c}_2, \mathbf{c}_3)$ and $(\mathbf{c}_2, \mathbf{c}_3)$ and $(\mathbf{c}_3, \mathbf{c}_4)$ and $(\mathbf{c}_4,	
	North, bet. secs. 1 and 6.	
	Over gently rolling desert land, desc. 60 ft. over gentle	N. slope.
40.00	Point for the 2 sec. cor. of secs. 1 and 6.	
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the with brass cap mkd.	1
	T12S conjugate to the second of the second o	64
، ليني	R16W R15W	(
	\$1∫\$6 	
	·	4 % • Vo.
	Raised mound of stone 22 ft. base, 2 ft. high W. of cor. Cont. over nearly level desert land draining N.	
80.00	Point for the 1/16 sec. cor. of secs. 1 and 6.	
	Set an iron post 30 ins. long. 24 ins. diam 24 ins. in the	ground.
	with brass cap mkd.	
	T12S R16W R15W ما	•
	61/16 Charles (1977)	:
1	S1 S6 Contraction of the contrac	! !
	8 0	
	Raised mound of stone 3 ft. base, 2 ft. high W. of cor.	
87.43	Intersect the S. bdy. of T. 11 S., R. 16 W.	I + Vid ∫
	The state of the s	

	Survey of the East Boundary T. 12 S., R. 16 W.
Chains	Point for the closing cor. of T. 12 S., Rgs. 15 and 16 W.
* 4. · · · · · · · · · · · · · · · · · ·	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T11S R16W
	\$36 \$1 \$6
	C C
4.7 m	R16W R15W
	From this closing cor. the cor. of T. 11 S., Rgs. 15 and 16 W. bears S. 89° 41 E. 7.88 chs. dist.
	Land, rolling
	Soil, sandy clay Timber, none
	Undergrowth, shadscale
	Portion of the Subdivision T. 12 S., R. 16 W.
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp. monumented by an iron post 2½ ins. diam. set, mkd., and witnessed as described in the field notes of the concurrent survey of T. 13 S., R. 16 W.
 Qui est s s est total 	N. 0° 01' W. bet. secs. 35 and 36.
•	Over rolling desert land draining NW.
5.40	Graded gravel road, Sand Pass to Callao, which bears N. 40° W., and S. 40° E., desc. 80 ft. over NW. slope.
40.00	Point for the k sec. cor. of secs. 35 and 36.
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.
	T‡2S_R16W
. * Q	\$ \$35 \$36 \$1960
İ	Raised mound of stone 2½ ft. base, 2 ft. high W. of cor.
	Desc. 30 ft. over NW. slope.
64.20	Wash, 2 ft. deep, 30 lks. wide, drains N. 35° W., desc. 20 ft. over
04.20	NW. slope.
80.00	Point for the cor. of secs. 25, 26, 35 and 36.
•• ••	Set an iron post 30 ins. long, 2½ ins. diam. 18 ins. in the ground, to bedrock and in a mound of stone 2½ ft. base to top, with brass cap mkd.
	T12s R16W <u>\$26 \$25</u> \$35 \$36 1960
	Land, rolling Soil, clay with gravel and rocky spots Timber, none Undergrowth, shadscale.

3. S. GOFERHEIST (

Portion of the Subdivision of T. 12 S. ap. R. 16 War 1871.

Chains

80.00

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp.

2000

N. 89° 57' W. bet. secs. 25 and 36.

Over rolling desert land, asc. 40 ft. over gentle E. slope.

19.60 Rise, bears N. and S., desc. 50 ft. over NW. slope.

40.00 Point for the & sec. cor. of secs. 25 and 36.

Set an iron post 30ins. long, $2\frac{1}{2}$ ins. diam. 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R16W \$\frac{\$\text{\$\frac{\$25}{\$\text{\$\frac{\$36}{\$}}}}{\$\text{\$\frac{\$1960}{\$}}}

Desc. 75 ft. over gentle NW. slope.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, rolling Soil, clay with gravel and rocky spots Timber, none Undergrowth, shadscale

From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. monumented by an iron post $2\frac{1}{2}$ ins. diam. set, mdk. and witnessed as described in the field notes of the concurrent survey of T. 13 S., R. 16 W.

. . . .

N. 0° 02' W. bet. secs: 33 and 34.

Over broken desert land, asc. 10 ft. over S. slope.

7.80 Small spur, slopes E., asc. 10 ft. along E. slope.

17.40 Spur, slopes NE., desc. 115 ft. over irregular N. slope.

40.00 Point for the k sec. cor. of secs. 33 and 34.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T12S R16W \$ \$33 | \$34 1960

Raise a mound of stone $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.

Desc. 85 ft. over irregular N. slope.

77.40 Wash, 4 ft. deep, 1 ch. wide, drains N. 15° W., desc. N. slope.

Point for the cor. of secs. 27, 28, 33 and 34.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 15 ins. in the ground, to bedrock and in a mound of stone 3 ft. base to top, with brass cap mkd.

T12S R16W <u>\$28 | \$27</u> **\$33 | \$34** 1960

C 512 -

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Portion of the Subdivision of T. 1285, bk. 16 W.
 Chains
        Land, broken
 . . . .
        Soil, gravelly with rocky spots
        Timber, none
        Undergrowth, shadscale, few sage.
        N. 0° 02' W. bet. secs. 27 and 28.
        Over broken desert land, desc. 30 ft. over N. slope.
16.40
       Wash, same as last mile, 3 ft. deep, 70 lks. wide, drains N. 50° E.,
        desc. 10 ft. along E. slope of rise.
39.50
       Rise, bears S. 70° W., and N. 70° E. 3 chs. to end, desc. N. slope of
       rise.
40.00
       Point for the & sec. cor. of secs. 27 and 28.
       Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground,
       with brass cap mkd.
                              T12S R16W
                                *
                              S28 S27
                             1960
       Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
       Desc. N. slope.
45.20
       Wash, 4 ft. deep, 60 lks. wide, drains N. 80° W., asc. 60 ft. over S.
       slope.
61.20
       Top of ascent, bears NE. and SW., desc. 20 ft. over gentle NW. slope,
       over rolling bench land.
80.00
       Point for the cor. of secs. 21, 22, 27 and 28.
       Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground,
       and in a collar of stone, with brass cap mkd.
                             T12S R16W
                              S21 S22
                              S28 S27
                               1960
       Land, broken to rolling
       Soil, gravelly clay with rocky spots
       Timber, none
       Undergrowth, shadscale, scattered sage.
       N. 0° 02' W. bet. secs. 21 and 22.
       Over rolling bench land, desc. 70 ft. over NW. slope
40.00
       Point for the k sec. cor. of secs. 21 and 22.
       Set an iron post 30 ins. long, 2½ ins. diam. 10 ins. in the ground,
       to bedrock, and in a mound of stone, 4 ft. base to top, with brass
       cap mkd.
                              T12S R16W
                                a Transfer ca
                               $21 | 522
                                1960
       Desc. 70 ft. over gentle NW. slope.
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Graded gravel road, Sand Pass to Galilas, Control bears NW out SE., desc
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Portion of the Subdivision of T. 12 SamoR. 16 Was nother all Chains 77.40 gentle NW. slope. ១២% (១០៤៣% Point for the cor. of secs. 15, 16, 21 and 22. 80.00 Set an iron post 30 ins. long, 22 ins. diam. 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T12S R16W S16 S15 \$21 **S**22 1960 Land, rolling Soil, sandy clay Timber, none Undergrowth, shadscale and sage. N. 0° 02' W. bet. secs. 15 and 16. Over rolling desert bench land, desc. 15 ft. over NW. slepe 7.50 Wash, 2 ft. deep, 1 ch. wide, drains NW., desc. 25 ft. over gentle NW. slope. 40.00 Point for the & sec. cor. of secs. 15 and 16. Set an iron post 30 ins. long. 2½ ins. diam. 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T12S R16W S16 | S15 1960 Desc. 75 ft. over gentle NW. slope. 80.00 Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 24 ins. in the ground, with brass cap mkd. T12S R16W S9 S10 S16 S15 1960 Raised mound of stone 22 ft. base, 2 ft. high W. of cor Land, rolling Soil, sandy clay Timber, none Undergrowth, shadscale. N. 0° 02' W. bet. secs. 9 and 10. Over rolling desert bench land, desc. 20 ft. over NW. slope. 40.00 Point for the 2 sec. cor. of secs. 9 and 10.

Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground, and in a collar of stone, with brass cap mkd.

> T125 R16W Dag: 70 fc. Ast co

Chains Cont. over nearly level land. Chains Cont. over nearly level land.

Graded road, Fish Springs to Trout Creek, bears NE. and SW.

Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground, and in a coller of stone, with brass cap mkd.

T128 R16W <u>\$4 | 83</u> \$9 | \$10 1960

Land, rolling Soil, sandy:clay Timber, none Undergrowth, shadscale.

80.00

N. 0° 02' W. bet. secs. 3 and 4.

Over nearly level desertland draining N.

17.00 S. edge of dry lake bed, no vegetation.

33.50 N. edge of same lake bed.

40.00 Point for the & sec. cor. of secs. 3 and 4.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R16W \$4 | S3 1960

Cont. over nearly level desert land.

80.00 Point for the 1/16 sec. cor. of secs. 3 and 4.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T128 R16W 1/16 84 | S3 8 0 1960

Cont. over nearly level desert land.

89.27 Intersect the S. bdy. of T. 11 S., R. 16 W.

Point for the closing cor. of secs. 3 and 4.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

T118 <u>834</u> 84 | 83 C. C. T128 R16W

From this closing cor. the cor. of secs. 33 and 34, T. 11 S., R. 16 W. bears M. 89° 21's W. Ques she dist.

Portion of the Subdivision T. 12 S., R. 16 W. to hattable

Chains

Land, nearly level Soil, sandy clay Timber, none Undergrowth, shadscale.

From the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp. on a line connecting with the cor. of secs. 3, 4, 9 and 10, with cors. established at prop. distance.

10 1 12 MAG

West, bet. secs. 1 and 12.

Over rolling desert land draining NW.

- 26.00 Small wash, drains N. asc. 35 ft. over NE. slope.
- 39.96 Point for the & sec. cor. of secs. 1 and 12.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 15 ins. in the ground, to bedrock and in a mound of stone 3 ft. base to top, with brass cap mkd.

T12S R16W \$\frac{\S1}{\S12} 1960

Asc. 80 ft. over NE. slope, covered with black boulders.

79.92 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post 30 ins. long, 2½ ins. diam. 18 ins. in the ground, to bedrock and in a mound of stone 3 ft. base to top, with brass cap mkd.

T12S R16W <u>\$2 | S1</u> \$11 | S12 1960

Cor. falls on top of rocky spur which slopes N.

Land, rolling E. portion, broken W. portion.
Soil, clay E. portion, gravelly and rocky W. portion.
Timber, none
Undergrowth, shadscale and black brush.

West, bet. secs. 2 and 11.

Over hilly desert land, desc. 95 ft. over NW. slope.

39.96 Point for the k sec. cor. of secs. 2 and 11.

Set an iron post 30 ins. long, 2% ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R16W

₹ S2 S11 1960

Desc. 60 ft. over NW. slope.

79.92 Point for the cor. of secs. 2, 3, 10 and 11.

Set an iron post 30 ins. long, 2½ ins. dism. 24 ins. in the ground, and in a Collar of stone, with brass cap mkd. 3 d ...

-	Portion of the Subdivision of T. 12 Spj. R. 16 W
Chains	T12S R16W . 78 - 78 - 10 - 62 - 62 - 62 - 62 - 62 - 62 - 62 - 6
	1960 S. J.
	Cor. falls on E. bank of wash area 1 ch. wide, draining NW.
	Land, hilly Soil, gravelly with scattered black boulders Timber, none Undergrowth, shadscale
•	West, bet. secs. 3 and 10.
<u>.</u>	Over gently rolling desert land, desc. 20 ft. over gentle W. slope.
29.60	Graded dirt road, Fish Springs to Trout Creek, bears NE. and SW., desc. 20 ft. over gentle W. slope.
39.96	Point for the & sec. cor. of secs. 3 and 10.
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.
	T12S R16W S3 S10
	Raised mound of stone 3 ft. base, 2 ft. high N. of cor.
	Desc. 20 ft. over gentle W. slope.
79.92	The cor. of secs. 3, 4, 9 and 10.
	Land, gently rolling Soil, sandy clay Timber, none Undergrowth, shadscale.
	From the cor. of secs. 1, 2, 11 and 12.
	N. 0° 01' W. bet. secs. 1 and 2.
	Over hilly desert land covered with black boulders, desc. 200 ft. over N. slope of spur which slopes N.
37.40	Base of spur, bears SE. and SW. desc. gentle N. slope. Leave hills.
40.00	Point for the k sec. cor. of secs. 1 and 2.
	Set an iron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground, to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd.
	T129 R16W - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	52 S1 1960
	Desc. 50 ft. over gentle N. #lope.
69.60	Bulldozed road, bears NE. and SW., desc. 15 ft. over gentle N. slope.
78.30	Graded gravels road; Fish Springs ate Trouts Creek, bears NB, and SW.

" 0. 0. 40/ sandad? Printing Sprint 30-2000-2

Portion of the Subdivision of T. 128., R. 16 W. accessed

Chains

80.00

Point for the 1/16 sec. cor, of secs. 1 and 2.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R16W 1/16 S2|S1 8 0 1960

Cont. over rolling desert land.

87.92 | Intersect the S. bdy. of T. 11 S., R. 16 W.

Point for the closing cor. of secs. 1 and 2.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

T11S <u>S35</u> S2|S1 C C T12S R16W 1960

From this closing cor. the cor. of secs. 35 and 36, T. 11 S., R. 16 W. bears S. 89° 37° E. 4.52 chs. dist.

Land, hilly S. portion, rolling N. portion Soil, gravelly and rocky S. portion, sandy clay N. portion. Timber, none Undergrowth, shadscale and black brush.

Point for the $\frac{1}{4}$ sec. cor. of sec. 1 is at midpoint on the N. bdy. of sec. 1, T 12 S., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

_T11S

₹ S1 T12S R16W 1960

Raise mound of stone 22 ft. base, 2 ft. high S. of cor.

From this 2 sec. cor. the \$2 sec. cor. of sec. 36, T. 11 S., R. 16 W. bears S. 89° 41' E. 6.20 chs. dist.

From the cor. of secs. 2, 3, 10 and 11.

N. 0° 01' W. bet. secs. 2 and 3.

Over gently rolling desert land, desc. 30 ft. over NW. slope.

22.50 Graded road, Fish Springs to Trout Creek, bears NE. and SW., desc. 30 ft. over gentle NW. slope.

40,00 Point for the k sec. cor. of secs. 2 and 3,

aset an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

U. S. GOYERHHERT PRINTING OFFICE 16- 88420-1

Portion of the Subdivision T. 12 S., R. 16 W.

Chains

. T128 R16W

83 | S2 1960

Desc. 50 ft. over gentle EW. slope.

80.00

Point for the 1/16 cor. of secs. 2 and 3.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R16W 1/16 S3|S2 8 0 1960

88.57 Intersect the S. bdy. of T. 11 S., R. 16 W.

Point for the closing cor. of secs. 2 and 3.

Set am iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stome, with brass cap mkd.

T11S 534 S3 | S2 C C T12S R16W 1960

From this closing cor. the cor. of secs. 34 and 35, T. 11 S., R. 16 W. bears S. 89° 40° E. 1.08 chs. dist.

Land, rolling Soil, sandy clay with some gravel spots. Timber, none

Undergrowth, shadscale

Point for the $\frac{1}{4}$ sec. cor. of 2 is at midpoint on the N. bdy. of Sec. 2, T 12 S., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T11S

₹ S2 T12S R16W 1960

Raise a mound of stone 24 ft. base, 2 ft. high S. of cor.

From this k sec. cor. the Sk sec. cor. of sec. 35, T. 11 S., R. 16 W. bears S. 89° 18' E. 2.68 chs. dist.

Point for the k sec. cor. of sec. 3 is at midpoint on the N. bdy. of sec. 3, T 12 S., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

Portion of the Subdivision T. 1288. To R Jo 16 W 1 19 16 Land entrant J Chains T11S ₹ \$3 T12S R16W 1960 tr. From this & sec. cor. the St sec. cor. of sec. 34, T. 11 S., R. 16 W. bears S. 89° 21' E., .335 chs. dist. . 0.3.... From the cor. of secs. 15, 16, 21 and 22. West, bet. secs. 16 and 21. Over gently rolling desert land, desc. over NW. slope. 2,40 Graded road, Sand Pass to Callao, which bears NW. and SE., 30 ft. over gentle NW. slope. 40.00 Point for the & sec. cor. of secs. 16 and 21. Set an iron post: 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd. T12S R16W **S16** S21 1960 Desc. 45 ft. over gentle NW. slope. Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 18 ins. in the ground to bedrock and in a mound of stone 3 ft. base to top, with brass cap T12S R16W ... > S17 S16 S20 S21 1960 Land, rolling Soil, sandy clay gravel spots E. portion. Timber, none . Undergrowth, shadscale N. 0° 03' W. bet. secs. 16 and 17. Over gently rolling desert land draining NW. Graded dirt road, Fish Springs to Trout Creek, bears SW. and NE. 16.00 40.00 Point for the 2 sec. cor. of secs. 16 and 17. Car. . :: Set an iron post 30 ins. long, 2½ ins. diam. 23 ins. in the ground, and in a collar of stone, with brass cap mkd. T125 R16W S17 S16 1960

Desc. 15 ft. over gentle NW. slope.

80.00 Point for the cor. of secs. 8, 9, 16 and 17.

U. S. GOVERNMENT PRINTING OFFICE : 10-2859

Portion of the Subdivision To 12 So, Rould W. Chains Set an iron post 30 ins. long 22 ins. diam. 24 ins. in the ground, with brass cap mkd. T125 R16W \$8 |\$9 \$17 |\$16 Raised mound of stone 21 ft. base, 2 ft. high W. of cor. 22/b and 24 $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ $_{\odot}$ Land, rolling Soil, sandy clay Timber, none Undergrowth, shadscale From the cor. of secs. 9, 10, 15 and 16. West, bet. secs. 9 and 16. Over gently rolling desert land, desc. 45 ft. over gentle NW. slope. ، كالمائدي المائدي المائدية المائدية ا 33.50 Graded dirt road, Fish Springs to Trout Creet, bears SW. and NE. desc. 10 ft. over gentle NW. slope. 40.00 Point for the sec. cor. of secs. 9 and 16. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd. T129, R16W Desc. 20 ft. over gentle NW. slope. 63.50 Graded dirt road, Sand Pass to Callao, which bears NW. and SE., desc. 15 ft. over gentle NW. slope. 80.00 The cor. of secs. 8, 9, 16 and 17. Land, rolling Soil, sandy clay Timber, none Undergrowth, shadscale From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp. monumented by an iron post $2\frac{1}{2}$ ins. diam., set, mkd., and witnessed as described in the field notes of the concurrent survey of T. 13 S., N. 0° 03' W. bet. secs. 32 and 33. Over broken desert land covered with black lava rock, along W. slope. 4.20 Small ravine, drains W., cont, along rocky W. slope. 33.40 Top of small terrace, bears NE. and SW., desc. 50 ft. over NW. slope of terrace. 40.00 Point for the k sec. cor. of secs. 32 and 33. Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 20 ins. in the ground, and in a mound of stone $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

 $\dot{\chi} \gg 0$, 2, government primiting office ... 16.—28520—2

Portion of the Subdiction of T. of Prince Makelines are nothing

Chairs

51.28 11.6₩ (42 € 2.1.1 € 2.03 Å (8.1.8 € 2. Ł

S32 S33 · 1960 -

Cor. falls near base of terrare, desc. 25 ft. over gentle NW. slope.

.... | J. 86306 / 364

Election of the Section

4

Sittati J

68.30 Small wash, drains NW.

80.00 Point for the cor. of secs. 28, 29, 32 and 33.

> Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground. and in a collar of stone, with brass cap mkd. Collar of diameters

> > T12S R16W S29 S28 S32 S33 1960

Land, broken to rolling Soil, gravelly, covered with rocks S. portion Timber, none 13 L Undergrowth, shadscale. and the same of the same of the same of the same of the same of the same of the same of the same of the same of

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. monumented by an iron post 21 ins. diam. set, mkd., and witnessed as described in the field notes of the concurrent survey of T. 13 S., R. 16 W.

N. 0° 03' W. bet. secs. 31 and 32.

Over gently rolling desert land, draining NW.

13.20 Wash, 2 ft. deep, 30 lks. wide, drains NW.

40.00 Point for the & sec. cor. of secs. 31 and 32.

> Set an iron post 30 ins. long, 2½ ins. diam. 16 ins. in the ground, to bedrock and in a mound of stone 3 ft. base to top, with brass cap

> > T12S R16W Ł S31 S32 1960

Desc. 30 ft. over NW. slope.

77.80 Wash, 2 ft. deep, 20 lks. wide, drains NW.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

> Set an iron post 30 ins. long, 2½ ins; diam. 20 ins. in the ground, and in a collar of stone; with brass cap mkd.

> > T12S R16W 530 829 931 832 1960

Land, rolling Soil, sandy clay Timber, none undergrowth, shadscale

Charles

portion of the Subdivision T. 12 S., R. 16 W.

Chains

From the cor. of secs. 28,, 29, 32 and 33.

N. 89°59' W. bet. secs. 29 and 32.

Over gently rolling desert land, desc. 10 ft. over NW. slope.

9.00

Wash, 2 ft. deep, 30 lks. wide, drains NW., desc. 30 ft. over NW. slope.

39.95

Point for the k sec. cor. of secs. 29 and 32.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R16W \$\frac{\$29}{\$32} 1960

Desc. 10 ft. over NW. slope.

48.50

Wash, 3 ft. deep, 20 lks. wide, drains NW., desc. 30 ft. over NW. slope.

79.90

The cor. of secs. 29, 30, 31 and 32.

Land, rolling
Soil, sandy clay, gravel spots E. portion
Timber, none
Undergrowth, shadscale

GENERAL DESCRIPTION

The NW. portion of T. 12 S., R. 16 W. consists of rolling desert land, the SW. portion is rolling desert land with scattered low hills. The soil is sandy clay on the rolling land, and gravelly with black lava rocks on the hills. The vegetation consists almost entirely of shadscale and with a few scattered sage brush, there is no timber.

The main roads consist of two graded gravel roads, one from Fish Springs to Trout Creek enters the township on the N. bdy. of Sec. 1, bears SW. and leaves the township on the E. bdy. of sec. 30. The other road, Sand Pass to Thomas Creek, enters the township on the S. bdy. of sec. 36, bears NW. and leaves the township on the E. bdy. of sec. 6. Most of the township can be travelled with 4 wheel drive vehicle.

The elevation varies from about 4600 to 5400 ft. above sea level.

No permanent water or other developments were noted within the township.

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4~680 Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
onald A. Cannon	Crew Chief (Cornerman)
ames R. Munson	Transit
eddie J. Judd	Notes
ohn D. Carter	Front Chain
ennis D. Bland	Flagman
······································	
•••••••••••••••••••••••••••••••••••••••	

16--53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Craig P. Sylvester	HEREBY C	ERTIFY upon honor tha	ıt, in
pursuance of special instructions bearing date of the Supplemental Special Instructions 1 I have surveyed dependently resurveyed the East	lth M	ay	1959
17 West, dependently resurveyed the South Bou	ndary of Townshi	p 11 South, R nge	16
West, surveyed the East Boundary and portion	of the Subdivisi	on of Township 12	
South, Range 16 West.		••••••	
		· ·	
of the Salt Lake Meridian, in the State of	Utah	which	h are
represented in the foregoing field notes as having been ex	ecuted by me and un	der my direction; and	that
said survey has been made in strict conformity with said	instructions, the Ma	nual of Instructions fo	r the
Survey of the Public Lands of the United States, and in	the specific manner	described in the foreg	oing
field notes.	A .	0	
Salt Lake City, Utah	Charge.	yhut.	-
April 12, 1961		ter, Cadstral Surv	eyor
CERTIFICATE OF A	APPROVAL		
Bu	REAU OF LAND MANA	GEMENT,	
Wa	shington, D. C.,	APR 1 7 1962 , 19	
The foregoing field notes of the survey of Dependent	Resurvey of the	East Bdy. of T. 12	<u>2 S.</u> ,
R. 17 W., dependent resurvey of the South Bo	ly. of T. 11 S.,	R. 16 W., survey	2£
the East Bdy. and portion of the Subdivision	of T. 12 S., R.	16 W.	
executed by Craig P. Sylvester, Cadastral Surve			
having been critically examined and found correct, are he			
maving been critically examined and found correct, are no	ereby approved.	$\cdot \mathcal{O} \cdot \mathbf{/}$	
	<u>Ce</u>	Sommatin	
	Chief, Divi	sion of Engineering	er. 3
CERTIFICATE OF TR	RANSCRIPT		
Commence (14) the frequire of a significal traffic (15).	i Salaha Andaha	10 17 12 14 14 14 14 14 14 14 14 14 14 14 14 14	
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	7		

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

ORIGINAL

FIELD NOTES

OF THE

SURVEY

OF THE NORTH BOUNDARY

AND A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 13 SOUTH, RANGE 15 WEST

Of the

Salt Lake

Meridian,

n the State of

Utah

EXECUTED BY

Craig P. Sylvester, Cadastral Surveyor (Chief of Party)

Donald A. Cannon, Cadastral Surveyor

nder special instructions dated . Supplemental Special Instructions

August 25 May 11

, 19.36 , which provided

1959

or the surveys included under Group No. 280

, approved May 12, 1959

nd assignment instructions dated

April 28

, 19 60

Survey commenced

June 1

, 19 60

Survey completed ...

June 8

, 19.60

INDEX DIAGRAM

Towns	hip13	South	, Range	15 West	
5	4	3	3	2	1
•	. •	4	10 8	13 2	12 1
			12	11	11
7	•	9	9 10	11	19
		15			
18	17	14 16	9 15	14	18
		13			
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80	29	28	8 27	26	25
	17				6
81	16 82	15 88	7 84	85	5 86
			·		

GPG 866119

Chains

The south boundary was surveyed by A. D. Griffin and Craig P. Sylvester in 1959. The east boundary was surveyed by J. Gorlinski in 1880 and independently resurveyed by Elliot Bird in 1948. The west boundary was surveyed concurrently and shows in the field notes of T. 13 S., R. 16 W.

The following field notes are those of a survey of the north boundary and a portion of the subdivision, deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that are normally considered state school sections.

The survey was executed with W. & L. E. Gurley solar transit No. 541331, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 38' 22.18" N. and longitude 113° 28' 18.90". W. as adjusted from traverses to U.S.G.S. triangulation station "Fish."

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 30 East.

Survey of the North Boundary of T. 13 S., R. 15 W.

Beginning at the cor, of Tps. 12 and 13 S., Rs. 14 and 15 W., mkd. by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

S. 89° 55' W., bet. secs. 1 and 36.

Over rolling desert land on E. side of Snake Valley; desc. 210 ft. over gentle W. slope.

		Survey N. Bdy. T. 13 S. R. 15-W.
	Chains	active)
_	40.00	Point for the & sec. cor. of secs. 1 and 36.
	See	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
		T12S R15W
	ند کا تند دا	The Life of the Land of the \$36 and the painting Life
	2 1.11	265 in 25 wints of the state of
	. 12_	to them the state of the state
	223	a 13 1 5 2 112 112 11 2113 th 1960 113 11 602221110 61
		Desc. 130 ft. over gentle W. slope.
		tention than a gradual and a second of the s
	80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	. 1 15 1 2	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	1	-5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5
	an share a fee so	1960 . 1
	1	The purpose of the contract of
		Land, rolling desert.
		Soil, rocky clay.
		Soil, rocky clay. Timber, none. Undergrowth, shadscale, blackbrush and scattered bunch grass.
	1	
	, ,	(n. 1806) in the state of the s
		10 10 10 10 10 10 10 10 10 10 10 10 10 1
	j 27 d	S. 89° 55' W., bet. secs. 2 and 35.
		Over rolling desert land; desc. gentle W. slope.
	40.00	Point for the t sec. cor of secs. 2 and 35 200 12
		Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.
		T12S R15W
		\$35
		- 회사 교회 1 - 1 - 교육 등 등 등 교육 - 조선 - 전 - 전 - 전 - 전 - 전
		m100 1 C
	• • • • • • • • • • • • • • • • • • • •	1960 m. m. m. m. m. m. m. m. m. m. m. m. m.
		Raise a mound of stone, 2½ ft. base, 2 ft. high N. of iron post.
		Desc. 10 ft. over W. slope.
	50.00	Wash, 20 1ks. wide, 2 ft. deep, drains SW.; asc. 45 ft. over SE. slope.
	-	man of the control of the control of the control of the control of the control of the control of the control of
	54.90	Low spur, slopes SW.; desc. 65 ft. over gentle W. slope.
	67.00	Same wash, drains NW.; asc. 65 ft. over E. slope.
	69.70	Low spur, slopes N.; desc. 80 ft. over W. slope.
	80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	• • •	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. In the ground, with brass cap mkd.
1	1	· · · · · · · · · · · · · · · · · · ·

B. S. GOVERNMENT PRINTING OFFICE 16-28590

Survey, N. Bdy., T. 13,S., R. 15,W. Chains اد سر ۱۱ بر مادی داند. در ۱۱۵۵ تا ۱۱۵۵ تا این استان می در این استان بازد این استان می در این استان این استان این استان این این استان این استان این استان این استان این استان این استان این این استان استان این استان S 3 S 2 T13S 1960 Raise a mound of stone, 22 ft. base, 2 ft. high, W. of iron post. Land, rolling to slightly broken. Soil, rocky clay. كييانك يوكن الأنابيكم بيان الروطكيبيفيات Timber, none. Undergrowth, shadscale, sage and blackbrush. المناهبين المرابع فالمنظف أرابه يقطره اللهق الموقع الأطفاء الراء والملايين S. 89° 55' W., bet. secs. 3 and 34. Over rolling desert land; desc. 100 ft. over gentle W. slope. 40.00 Point for the 1 sec. cor. of secs. 3 and 34. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R15W . * S34 S 3 T13S 1960.55 Raise a mound of stone, 2 ft. base, 2 ft. high, N. of iron post. يريان كالافتيان فيبط فكالمراج كالراز المداد فللطاف فكالمناف المداد Desc. 40 ft. over gentle W. slope. 59.90 Unimproved road, bears SW. and NE.; desc. gentle W. slope. 80.00 Point for the cor. of secs. 3, 4, 33 and 34. A . Bu Talan da bir yağır a d Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. المنابع فالقال الشفيد 1960 Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post. Land, rolling desert. Soil, clay with gravel and rocky spots. Timber, none. Undergrowth, shadscale, blackbrush, sage. San 898: 55 lowe, bet.. sees...4, and 33.... (30 n lower many sees...) Over rolling desert land of Snake Valley, over gentle W. slope. 40.00 Point for the & sec. cor. of secs. 4 and 33.

Survey, N. Bdy., T. 13, Se, R. 15 Week altido (Chains Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R15W $\frac{533}{54}$ T13S. : 444 1960 إ المعهدات المستثنية ا No other accessories available. الكمي ما فالمرافعاتين. Cont. over gently rolling bottom land. Trail road, bears NW. and SE.; asc. gentle NW. slope. 68.40 80.00 Point for the cor. of secs. 4, 5, 32 and 33... Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T12S R15W **S32** | **S33** , . . . Ti3S 1960 Raise a mound of stone, 2 ft. base, 2 ft. high, W. of iron post. Land, rolling desert. Soil, clay and sand. Timber, none. Undergrowth, shadscale, sage and blackbrush. S. 89° 55' W., bet. secs. 5 and 32. Over rolling desert land; asc. 70 ft. over gentle NW. slope. Shallow wash, drains N. 10° E.; cont. over gentle NW. slope. 35.00 40.00 Point for the & sec. cor. of secs. 5 and 32. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd. T12S R15W ½ <u>S32</u> S 5 T13S. 1960

Asc. 50 ft. over gentle NW. slope.

80.00

Point for the cor. of secs. 5, 6, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T12S R15W S31 S32 S 6 S 5 T13S

1960

.	.w. Ca. Suryey, N. Bdy., P.T. 13.6., R.m. 15.W
Chains	
r .	Land, rolling to slightly broken. Soil, clay, rocky on W. portion.
	Timber, none.
	Undergrowth, shadscale and scattered bunch grass.
	S. 89.º 55 W., bet. secs. 6 and 31.;
	Over slightly broken desert land; asc. 100 ft. over NW. slope.
40.00	Point for the & sec. cor. of secs. 6 and 31.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone 3 ft. base, to top, with brass cap mkd.
	T12S R15W
na n, hai	112
	* S 6
	1960
	Asc. NW. slope.
	Asc. IW. Stope.
48.00	Slope changes; asc. 280 ft. over E. slope.
70.80	Crest of low ridge, bears N. and S. irregularly; desc. 80 ft. over W. slope.
77.87	The cor. of Tps. 12 and 13 S., Rs. 15 and 16 W., mkd. by an iron post, 2½ ins. diam., described in the field notes of T. 13 S., R. 16 W., concurrently surveyed.
	Land, rolling to broken on the W. portion. Soil, rocky clay. Timber, none. Undergrowth, shadscale, sage, blackbrush and scattered bunch grass.
•	Survey of a Portion of the Subdivision of T. 13 S., R. 15 W.
•	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp., mkd. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record.
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	N. 0° 01' W., bet. secs. 35 and 36.
	Over slightly broken desert land; desc. 10 ft. over NW. slope.
8.70	Wash, 20 lks. wide, 3 ft. deep, drains W.; asc. 20 ft. over gentle SW. slope.
22.10	Low spur, slopes W.; desc. 15 ft. over gentle N. slope.
24.00	Small draw, drains W.; asc. 20 ft. over gentle SW. slope.
40.00	Point for the & sec. cor. of secs. 35 and 36.
•	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

		Survey Portion of Subdivision T. 13. Sapple 15 W.
,	Chains	8 David x
		in the T138 R15With of publication of make the
		\$35 \$36 . 2014
	******	Asc. 30 ft. over gentle SW. slope.
	54.50	Small wash, drains SW.; cont. along gentle SW. slope.
	66.50	Small wash, drains SW.; asc. 20 ft. over gentle SW. slepe.
	76.50	Trail road, bears NE. and SW. A.
	78.50	Small wash, drains SW.; asc. over SW. slope. A harm of
	80.00	Point for the cor. of secs. 25, 26, 35 and 36.
		Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
1		T13S R15W
l		<u>\$26 \$25</u>
		\$35 \$36
		1959
		Raise a mound of stone, 2 ft. base, 2 ft. high, W. of iron post.
		Land, slightly broken.
		Soil, sand, clay, gravel and rock.
		Timber, none.
	·	Undergrowth, shadscale, blackbrush and bunch grass.
	• == 1 ===	From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp., mkd. by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.
		S. 89° 57' W., bet. secs. 25 and 36.
	•	Over slightly broken desert land; desc. 75 ft. over gentle SW. slope.
	19.70	Small wash, drains SW.; desc. 80 ft. over gentle SW. slope.
	39.97	Point for the 2 sec. cor. of secs. 25 and 36.
		Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	• -	T138 R15W 1 14 (1011 11 V)
	د المحتاد المحتاد	\$\frac{825}{936} \tag{36} \tag
		Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of iron post.
		Desc. 70 ft. over gentle SW. slope.
	60.50	Wash, 30 1ks. wide, 3 ft. deep, drains SW.; desc. 10 ft. over gentle SW. slope.
	64.30	Small wash, drains SW.; desc. 25 ft. over gentle SW. slope.

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79 . 94.5	Survey, Portion of Subdivision, T. 13 S., R. 15 W. Unimproved road, beers SM. and NE. The cor. of secs. 25, 26, 35 and 36. Land, slightly broken. Soil, sand and clay; rocky in spots.
76.40 79.94:3	The cor. of secs. 25, 26, 35 and 36.
	Land, slightly broken.
	Timber, none. Undergrowth, shadscale, blackbrush and scattered hunch grass.
-	
: 3ia:]	From the cor. of secs. 3, 4, 33 and 34 on the S. hdy. of the Tp., mkd. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record.
1	N. 0° 02' W., bet. secs. 33 and 34.
5	Over rolling desert land, drains E.; desc. 20 ft. along gentle E. slope.
	Wash, 80 lks. wide, 2 ft. deep, drains E.; cont. along gentle E. slope.
	Wash, 40 lks. wide, 3 ft. deep, drains E.; desc. along gentle E. slope.
40.00	Point for the 1/2 sec. cor. of secs. 33 and 34.
J 12, J4 €	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	\$33 \$34 1960
N	No accessories available.
c	Cont. along gentle E. slope.
40.40	Old road, bears E. and Maranda and and and and and and and a
	Graded road, Sand Pass to Callao, bears N. 42° W., S. 42° E.; desc. 40 ft. along gentle E. slope.
i i	Small wash, drains E.; cont. along gentle E. slope.
78.00 s	Small wash, drains E.; cont. along gentle E. slope.
80.00 F	Point for the cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13s R15W S28 S27 S33 S34 1960
N	No accessories availablecultiple a la program
S	Land, rolling. Soil, sand and clay. Fimber, none.
	Undergrowth, shadscale, blackbrush and scattered bunch grass.

Survey, Portion of Subdivision T. 13:S. R. 15:W.

19 (to 1) Chains N. 0° 02' W., bet. secs. 27 and 28. The contain the very limit Over rolling desert land, drains E.; desc. 20 ft. along gentle E. slope. Small wash, drains E.; cont. along gentle E. slope. 27.70 للكالك بكاريك والكوارة 33.00 Graded road, bears E. and W. irregularly; cont. 2 long gentle E. slope. 40.00 Point for the & sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 22 ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd. . 1 5 1 T13S R15W . . **. . .** . . S28 S27 Desc. 40 ft. along gentle E. slope. 56.50 Small wash, drains E.; cont. along gentle E. slope. . 68.00 Small wash, drains E.; cont. along gentle E. slope. 77.40 Trail road, bears SW. and NE. .1 4 .5 1 12 12 11 11 11 11 11 80.00 Point for the cor. of secs. 21, 22, 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd. T13S R15W S21 S22 S28 S27 1960 Land, rolling desert. Soil, clay, rock. Timber, none. Undergrowth, shadscale and blackbrush. N. 0° 02' W., bet. secs. 21 and 22. Over rolling desert land, drains E.; desc. 10 ft. along gentle E. slope. . والمراجع والمتعلق المتشمع المتعلمية 40.00 Point for the 1 sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. T13S R15W S21 S22 1960 No accessories available. Cont. along gentle E. slope. 51.40 Bulldozed road, bears NE. and SW. Small wash, drains E.; cont. along gentle E. slope. 62.00

Point for the cor. of secs. 15, 16, 21 and 22.

80.00

	Survey, Portion of Subdivision, T. 113 9-, R. 15 M.	
Chains		
ilosti, sii	Set andiron post, 30 disk long, 24 disk diam., 24 disk in the with brass cap mkd.	ground,
	1 T13S R15W	
	S16 S15	
	S21 S22 1960	
	No accessories available.	
	Land, rolling. Soil, sandy clay.	:
يترغ کا د	Timber, inche. to change , to	. •
	Undergrowth, shadscale and sage.	
	N 00 021 V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
المهدان والمأث	Na 0. 02 W., bet. secs. 15, and 16	
	Over rolling desert land, covered with shadscale.	
40.00	Point for the & sec. cor. of secs. 15 and 16.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the with brass cap mkd.	ground,
	T13S R15W	
	عبر نے برد سیاسی سیف سے گڑ S16 S15 S15 S16 S15 S16	
	1960	
	No accessories available.	
	Cont. along gentle E. slope.	
52.80	Wash, 15 lks. wide, 4 ft. deep, drains S. 20° E.; asc. along slope.	gentle W.
80,.00	Point for the cor. of secs. 9, 10, 15 and 16.	• \ -
اِسىنى ئ	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the with brass cap mkd.	ground,
	T13S R15W	
	$\frac{s}{s16} \frac{9 s10}{s15}$	•
	1960	
1	No accessories available. Land, rolling to nearly level.	
ļ	Soil, sand and clay.	
	Timber, none. Undergrowth, shadscale and sage.	
	N. 0° 02° W., bet. secs. 9 and 10.	
1	Over rolling desert land, draining W., along gentle W. slope.	
	Point for the & sec. cor. of secs. 9 and 10.	
	ر المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و المسلم و ال	
	المُنَادِينَ فِي مُنْ مُنْ مُنْ مُنْ مُنْ مُنْ مُنْ مُنْ	

Portion of 1. 15 1 2 2. 13 8. 2. 15 W.

Chane

Set am iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R15W k S 9|S10 1960

No accessories available.

Cont. along gentle W. slope.

60.50 Wash, 30 lks. wide, 2 ft. deep, drains W. from M. irregularly; cont. along gentle W. slope.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T13S R15W S 4 S 3 S 9 S10 1960

No accessories available.

Land, nearly level. Soil, clay.

Timber, none.
Undergrowth, shadscale and sage.

N. 0° 15' W., bet. secs. 3 and 4.

Over rolling desert land, along gentle W. slope.

17.00 Unimproved road, bears NW. and SE.; cont. along gentle W. slope.

18.60 Mash, 30 lks. wide, 3 ft. deep, drains SE. from N. irregularly; cont. along gentle W. slope.

28.10 Same wash, drains SW.; cont. along gentle W. slope.

28.80 Unimproved road, bears NE. and SW.; cont. along gentle W. slope.

40.00 Point for the k sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 24 ins. diam., 24 ins. in the ground and in a collar of stone, with brass cap mid.

T138 R15W & 8 4 8 3 1960

Cont. along gentle W. slope.

79.98 The cor. of secs. 3, 4, 33 and 34 on the N. bdy.

Land, mearly level.

Soil, clay. Timber, nome.

Undergrowth, shadscale, blackbrush and sage.

Survey,	Portion of	Subdivision,	T. 13 S.,	R. 15 W.

	Survey, Portion of Subdivision, T. 13.8., R. 15.W.	
Chains		Ī
i	From the corp of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp., mkd. by an iron post, set, mkd. and witnessed as described in the official record.	
المنائد المنا	S. 898.54 W., bet. secs. 1 and 12 (200	
	Over slightly broken desert land on the W. slopes of Fish Spring Mountain; desc. 90 ft. over W. slope.	
11.00	Wash, 40 lks. wide, 2 ft. deep, drains W. irregularly; desc. 140 ft. over W. slope.	
39.493	Point for the & sec. cor. of secs. 1 and 12, at proportionate dist.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.	
• • • •	\frac{\fir}{\fint}}}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fin}}}}}{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\	
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of iron post.	
• ~	Desc. 200 ft. over W. slope.	
68.60	Small wash, drains SW.; desc. 45 ft. over W. slope.	
79.86	Point for the cor. of secs. 1, 2, 11 and 12, at proportionate dist.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.	
	T13S R15W	l
	<u>s 2 s 1</u>	l
	S11 S12 1960	l
	• 0.00 to 20 to 20 to 24.	
	Land, slightly broken.	
	Soil, rocky clay and sand. Timber, very scattered scrub juniper.	
	Undergrowth, shadscale, sage, blackbrush and scattered bunch grass.	ĺ
	S. 89. 54 W., bet secs 2 and 11.	:
	Over slightly broken desert land, draining W.; desc. 125 ft. over W. slope.	
20.80	Small wash, drains SW.; desc. 65 ft. over W. slope.	
39.93	Point for the 2 sec. cor. of secs. 2 and 11, at proportionate dist.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.	
	$\frac{1}{4} \frac{S}{S11}$	
	1960	
	Desc. 20 ft. over W. slope.	
52.00		
	Wash, 40 lks. wide, 2 ft. deep, drains S.; asc. 30 ft. over E. slope of rise.	

Survey, Portion of Subdivision, T. 13 S., R. 15 W.

	Survey, Portion of Subdivision, T. 13.8., R. 15.11.
Chains	saut.
62,.30	Rise, bears N. and S. irregularly; desc. 15 fts over gentle W. slope.
79.86	Point for the cor. of secs. 2, 3, 10 and 11, at proportionate dist.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
:	. Lower Tiss Risw (mandage of managers)
	$\frac{s}{s10}\frac{s1}{s11}, \frac{s}{s10}, \frac{s}{s$
.5051	Raise a mound of stone, 2½ ft. base, 2 ft. high, We of iron post.
	Land, slightly broken. Soil, clay and sand with rocky spots. Timber, none. Undergrowth, shadscale, sage and blackbrush.
	G 90 F/I W hot good 2 and 10
.21	S. 89° 54' W., bet. secs. 3 and 10. Over slightly broken desert land; desc. 50 ft. over W. slope.
34.00	Small wash, drains S. 20° W.; desc. over SW. slope.
39.93	Point for the & sec. cor. of secs. 3 and 10, at proportionate dist.
. 5 1	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T13s R15W
	$\frac{1}{4} \frac{\text{S} \cdot 3}{\text{S}10}$ 1960
	No accessories available.
	Cont. over SW. slope. . Here the grade gr
	Gully, drains S.; cont. along S. slope and and anti-
66,60	Crest of terrace, bears N. and SE.; desc. 110 ft. over W. slope.
72.00	Base of same terrace, bears N. and SE., thence over nearly level bottom land.
76.50	Trail road, bears N. and S.
78.50	Wash, 40 lks. wide, 3 ft. deep, drains Spend (not made)
-79.86	The cor. of secs. 3, 4, 9 and 10.10.10.10.10.10.10.10.10.10.10.10.10.1
•	Land, slightly broken to rolling. Soil, clay and sand; rocky in spots. Timber, none. Undergrowth, shadscale and blackbrush.
1	
1	From the cor. of secs. 1, 2, 11 and 12.
. 1	N. 0° 08' W., bet. secs. 1 and 2.
	Over slightly broken desert land, along W. slope.

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	Survey, Portion of Subdivision, T, 13 S., R. 15 W.
Chains	
14,60	Wash, ale lks. wide, 2 ft. deep, drains W.; cont. along W. slope.
21.40	Wash, 20 1ks. wide, 2 ft. deep, drains W.; cont. along W. slope.
31.10	Small wash, drains W.; cont. along W. slope.
40.00	Point for the k sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
•	T138 R15W S 2 S 1
edike ti di	Raise a mound, of stone, 2 ft. base, 2 ft. high, Wal of iron post.
	Cont. along W. slope.
79.98	The cor. of secs. 1, 2, 35 and 36 on the N. bdy.
	Land, slightly broken W. slope. Soil, rocky sand and clay. Timber, few scrub juniper. Undergrowth, sage, shadscale, blackbrush and scattered bunch grass.
	• • • • • • • • • • • • • • • • • • • •
	From the cor. of secs. 2, 3, 10 and 11.
	N. 0 • 09' W., bet. secs. 2 and 3.
	Over rolling desert land, along gentle W. slope.
40.00	Point for the & sec. cor. of secs, 2 and 3.
•	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.
•	
	s 3 s 2
ند رکداند. دمانه	Cont. slong gentle W. slope, hard stand of the product and the
79.98	The cor. of secs. 3, 4, 34 and 35.
	Land, slightly broken W. slope. Soil, clay, gravel spots. Timber, none. Undergrowth, shadscale, sage and scattered bunch grass.
	المقار سياكيس المقت المارات
.! 1,	From the cor. of secs. 15, 16, 21 and 22. S. 89° 59' W. bet. secs. 16 and 21. Over nearly level desert land, draining E.
16.00	Bulldozed road, bears NW. and SE.
40.00	Point for the & sec. cor. of secs. 16 and 21.
	Principal violet in interpretation of the content o

The Portion of the Earth of T. 13-S., R. 15-W.

Chains	Charles
. ,	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,
_	with brass cap mkd.
•	T13S R15W
	- S21 1960 -
	No. accessories available.
	Cont. over nearly level land, draining E.
72.00	Base of terrace, bears NW. and S.; asc. 65 ft. over E. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.
	T13S R15W
	\$17 \ \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
	، 1960 . د ماره پستان که د د
	Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of iron post.
	Land, nearly level.
	Soil, clay. Timber, none.
	Undergrowth, shadscale, sage and blackbrush.
	N. 0° 03' W., bet. secs. 16 and 17 11
	Over rolling desert land; desc. 70 ft. over NE. slope of small
10.00	Base of terrace, bears NW. and SE., thence along gentle E. slope.
14.00	Wash, 30 lks. wide, 5 ft. deep, drains E.; cont. along gentle E. slope.
40.00	Point for the & sec. cor. of secs. 16 and 17.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
ļ	T13S R15W
	المسابق فيشارونها فالفائد والمتال فالمتال والمتال والم
	\$17 \$16 1960
	Cont. along gentle E. slope.
	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post, 30 ins. long, 25 ins. diam., 24 ins. in the ground.
	with brass cap mkd.
	T13S R15W
İ	<u>\$ 8 \$ 9</u> -\$17 \$16 \tag{8} \tag{1000}
	1960 No accessories available.
	THE THE THE THE THE THE THE THE THE THE
1	
	Land, rolling. Soil, clay, rocky in spots.

Prom the cor. of secs. 9, 10, 15 and 16. West, bet. sacs. 9 and 16. Over nearly level desert land. 8.00 Wash, 30 lks. wide, 3 ft. deep, drains S.; cont. over level desert land. Point for the & sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd. T138 R15W \$.99 \$.916 1960 Cont. over level desert land, draining E. Bulldozed road, bears MW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. Prom the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc. by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Over broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. 40.00 Point for the & sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W \$ 312 [S13 1960 Cont. over NE. slope. R5.00 Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.		Survey, Portion of Subdivision, T. 13.8., R. 15.W.
West, bet. secs. 9 and 16. Over nearly level desert land. 8.00 Wash, 30 lks. wide, 3 ft. deep, drains S.; cont. over level desert land. Foint for the k sec. cor. of secs. 9 and 16. Set an iron post, 30 lns. long, 2k ins. diam., 24 ins. in the ground with brass cap mkd. T138 R15W LS.9 LS.9 LS.9 LS.0 Soll, cover level desert land, draining E. Bulldoxed road, bears NW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc by an iron post, 2k ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Ower broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the k sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2k ins. diam., 10 ins. in the ground and in a mound of stone, 3k ft. base, to top, with brass cap mkd. T138 R15W S32 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, set an iron post, 30 ins. long, 2k ins. diam., 24 in	Chains	A B of C
Over nearly level desert land. 8.00 Wash, 30 lks. wide, 3 ft. deep, drains S.; cont. over level desert land. Point for the k sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground with brass cap mkd. T13s R15w \$\frac{3.9}{\$16}\$ 1960 Cont. over level desert land, draining E. Bulidozed road, bears NW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc by an iron post, 2k ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Over broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. 8.90 Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the k sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2k ins. diam., 10 ins. in the ground and in a mound of stone, 3k ft. base, to top, with brass cap mkd. T13s R15W \$\frac{32}{\$133}\$ 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, 38 and 39. Set an iron post, 30 ins. long, 2k ins. diam., 24 ins. in the ground, 38 and 39.		From the cor. of secs. 9,10, 15 and 16.
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Mash, 30 lks. wide, 3 ft. deep, drains S.; cont. over level desert land. Point for the & sec. cor. of secs. 9 and 16. Set an iron post, 30 lns. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd. T135 R15W \$.9 \$ 16 1960 Cont. over level desert land, draining E. Bulldozed road, bears MW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Over broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the & sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W \$ 322 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	*	
Foint for the & sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd. T13s R15w \$.9 \$ 166 1960 Cont. over level desert land, draining E. Bulldozed road, bears NW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Over broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the ½ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W \$ 322 S33		Wash, 30 lks. wide, 3 ft. deep, drains S.; cont. over level desert land.
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd. T13S R15W S.9 1960 Cont. over level desert land, draining E. Bulldozed road, bears NW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Over broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the ½ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W \$32 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	40.02	Point for the k sec. cor. of secs. 9 and 16. 1000 (1 cm)
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Cont. over level desert land, draining E. 20.20 Bulldozed road, bears NW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Ower broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the ½ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W **S12 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	etjä elitet	$\frac{\mathbf{s}.\mathbf{g}}{\mathbf{s}.\mathbf{h}} = \frac{\mathbf{s}.\mathbf{g}}{\mathbf{s}.\mathbf{h}} = \frac{\mathbf{s}.\mathbf{g}}{s$
Bulldozed road, bears NW. and SE. The cor. of secs. 8, 9, 16 and 17. Land, level. Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkc by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Ower broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. 7.10 Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the ½ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W .S12 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,		
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Soil, clay and sand. Timber, none. Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mko by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Over broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. 7.10 Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. 0.00 Point for the ½ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W S32 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	30.04	The cor. of secs. 8, 9, 16 and 17.
Undergrowth, shadscale and blackbrush. From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., mkd by an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the official record. N. 0° 03' W., bet. secs. 32 and 33. Ower broken desert land, covered with shadscale and acrub juniper; desc. 10 ft. along E. slope. 7.10 Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the ½ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T138 R15W \$32 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,		Soil, clay and sand.
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and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W .S32 S33		desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope.
S32 S33 1960 Cont. over NE. slope. 8.00 Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. 0.00 Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	8.90	desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope.
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Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. 0.00 Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	8.90	Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the 1 sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 21 ins. diam., 10 ins. in the ground and in a mound of stone, 31 ft. base, to top, with brass cap mkd. T13S R15W S32 S33
Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	8.90	Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the 1/2 sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 21/2 ins. diam., 10 ins. in the ground and in a mound of stone, 31/2 ft. base, to top, with brass cap mkd. T13S R15W .S32 S33 1960
Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,	8.90 0.00	Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the 1 sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 21 ins. diam., 10 ins. in the ground and in a mound of stone, 31 ft. base, to top, with brass cap mkd. T13S R15W . S32 S33 1960 Cont. over NE. slope.
· · · · · · · · · · · · · · · · · · ·	8.00	Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the 1/2 sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 21/2 ins. diam., 10 ins. in the ground and in a mound of stone, 31/2 ft. base, to top, with brass cap mkd. T13S R15W 832 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope.
	8.90 0.00 8.00	desc. 10 ft. along E. slope. Wash, 30 lks. wide, 2 ft. deep, drains NE.; desc. 20 ft. over NE. slope. Wash, 30 lks. wide, 3 ft. deep, drains NE.; cont. over NE. slope. Point for the ½ sec. cor. of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd. T13S R15W S32 S33 1960 Cont. over NE. slope. Top of rocky rise, bears E. and W.; desc. 70 ft. over NE. slope. Point for the cor. of secs. 28, 29, 32 and 33.

Portion of the little T. 13 S. R. 15 W.

Chause

T13S R15W <u>\$29 | \$28</u> <u>\$32 | \$33</u> 1960

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of iron post.

Land, broken.

Soil, rocky clay and sand.

Timber, scattered scrub juniper.
Undergrowth, sage, shadscale and scattered bunch grass.

From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp., mkd-by an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the official record.

N. 0° 03' W., bet. secs. 31 and 32.

Over broken desert land, covered with scattered juniper; asc. 25 ft. over S. slope.

- 1.80 Spur, slopes E.; desc. 60 ft. over NE. slope.
- 6.30 Draw, drains E.; asc. 80 ft. over S. slope.
- 11.00 Spur, slopes E.; desc. 120 ft. over N. slope...
- 17.80 Wash, drains NE.; asc. 40 ft. over SE. slope.
- 23.00 Spur, slopes NE.; desc. 110 ft. over N. slope.
- 29.50 Wash, drains N. 70° E.; asc. 10 ft. along broken E. slope.
- 40.00 Point for the k sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T13S R15W

S31 | S32 1960

Desc. 25 ft. along E. slope.

- 45.80 Wash, 30 lks. wide, 2 ft. deep, drains E.; desc. 10 ft. along E.
- 55.40 Wash, 10 lks. wide, 3 ft. deep, drains NE.; desc. 35 ft. over NE. slope.
- 71.00 | Small wash, drains E.; cont. over NE. slope.
- 80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T138 R15W 830 829 831 832

1960

Survey, Portion of Subdivision, T. 13 S., R. 15 M.

Chains

Raise a mound of stone, 25 ft. base, 2 ft. high, W. of iron post.

Land, broken.

Soil, rocky sand and clay.

Timber, scattered scrub juniper.

Undergrowth, sage, shadscale and scattered bunch grass.

From the cor. of secs. 28, 29, 32 and 33.

8. 89° 55' W., bet. secs. 29 and 32.

Over slightly broken desert land, covered with scrub juniper; asc. ME. slope.

3.90 Wash, 1 ch. wide, 2 ft. deep, drains NE.; asc. 100 ft. over gentle NE. slope.

39.97 Point for the k sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T13S R15W \$29 \$32

Cont. over NE. slope.

- 40.90 Small wash, drains NE.; asc. 50 ft. over NE. slope.
- 61.50 Wash, 40 lks. wide, 4 ft. deep, drains NE.; asc. 75 ft. over NE. slope.
- 79.94 The cor. of secs. 29, 30, 31 and 32.

Land, slightly broken. Soil, rocky sand and clay.

Timber, scattered scrub juniper.

Undergrowth, sage, black brush and bunch grass.

General Description

T. 13 S., R. 15 W. consists of rolling to broken desert land. The east boundary bears along the lower west slopes of the Fish Springs Range while the remainder of the township is located in the northeast part of Snake Valley.

A graded gravel road (Sand Pass to Callao) enters the township on the south boundary of section 34, bears northwest and leaves the township on the east boundary of section 7. There are several buildozed roads branching off this road, leading to winter sheep camps and feed grounds located within the township. With the exception of the hill tops, which are very rocky, the township can be traveled with four-wheel drive vehicle.

The soil is generally clay and sand, and very rocky on the hills.

The only timber consists of a few scrub juniper on the east and south portions of the township. The undergrowth is mainly shadscale, sage, blackbrush and scattered bunch grass.

 $\mathbf{x} \mapsto \{\mathbf{x}_{\mathcal{T}}(\cdot)\}$ Chains The elevation varies from about 4,900 to 5,600 feet above sea level . . No permanent water was noted during the survey. - 20 , and The second secon الريق در الاستدائل العالمية التا التاريخية - ... Labor L 1111

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U. S. OFFICENMENT PRINTING OFFICE . - 10- OFFICE

4-680 Feb. 1950)

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Donald A. Cannon	Crew Chief (Cornerman)
James R. Munson	Transit
Jeddie J. Judd	Notes
John D. Carter	Front Chain
Dennis D. Bland	Cornerman

16---53565-2

CERTIFICATE OF CADASTRAL ENGINEER

We, Craig P. Sylvester and Done	ald A. Cann	on	., HEREB	CERTI	FY upor	hon	or that, ir
pursuance of special instructions bearing datand supplemental special instructions. I have surveyed the north boundary and	te of theons dated	25th 11th of the	day of	Augu May ision	of T.	13	1936 1959 S
R. 15 W.						 -	
				••••••			
			••••••				***************************************
of the Salt Lake Meridian, in the S	State of	Ut.				;	, which ar
represented in the foregoing field notes as ha	iving been exe	cuted by	us me/and	under :	our mgc/dire	ction	; and tha
said survey has been made in strict conform	ity with said	instructio	ons, the I	A anual	of Inst	ructi	ons for th
Survey of the Public Lands of the United St	ates, and in t	he specif	ic manne	er desc	ribed in	the	foregoing
field notes.		a			2 11		
Salt Lake City, Utah	2	raig	P.	Su	luce	Tr	<u>~</u>
April 11, 1961	Ç	raig/P.	Sylves	∕∩ `	Cadast	ral _	Surveyor
	Œ	onald A	. Canno	n, Ca	dastra	l Su	rveyor
							
CERTIF	CATE OF A	PPROV	AĽ				
	Bur	EAU OF I	AND MA	NAGEM:	ENT,		
	Wa	shington,	D. C.,	AF	R 1 7 19	362	, 19
The foregoing field notes of the survey of	the north	bounda	ry and	a por	tion o	f th	e sub-
division of T. 13 S., R. 15 W., Salt							
						•••••	
executed by <u>Craig P. Sylvester, Cadas</u>	stral Surve	yor. Ch	ief of	Party	and		••••
Donald A. Cannon, Cadasta having been critically examined and found c	cal Surveyo	r			2		
naving been critically examined and found c	orrect, are ne	reby app:	rovea.	, /	2.	. ,	
			Le	10	mme	to	<u></u>
		Chic	ef, Div	ision	of Eng	ine	ering
		_					
CERTIFIC	ATE OF TR	ANSCR	IP T				
I CERTIFY that the foregoing transcript of	f the felder	مطفركم وو	-shows 1	مطنسمهم	 		
					u sur ve	78 111	
, is a true copy	of the origin	u nei d ne	πes.				
	*****		· <u>-</u>	·			
			c	adastral	Engineer:	ng St	off Officer.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF A DEPENDENT RESURVEY
OF THE EAST BOUNDARY
TOWNSHIP 13 SOUTH, RANGE 17 WEST
AND A CUDING
AND A SURVEY
OF
THE EAST AND NORTH BOUNDARIES
AND
A PORTION OF THE SUBDIVISION
OF TOWNSHIP 13 SOUTH, RANGE 16 WEST
Of theSALT LAKE Meridian,
the State ofUTAH
EXECUTED BY
VIRGIL E. SPRATT, Cadastral Surveyor
CRAIG P. SYLVESTER, Cadastral Surveyor (Chief of Party)
Inder special instructions datedAugust 25, 19 36, which provided Supplemental Special Instructions May 11, 1959
or the surveys included under Group No. 280, approved May 12, 1959
nd assignment instructions dated April 28 , 1960
Survey commencedJune_2, 19.60
Survey completed June 20 , 19 60

INDEX DIAGRAM

	Townshi	ip 13 SOU	TH ,	Range	16 WEST	
:	14	14	13	13	12	II
6	•	5	4 20	3 21	9 22	1 10
5			20		21	
ر	7	8	9 20	10	- 11	12 10
			24			-
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					I	

PQ 886119

Township 13 South, Range 16 West at a

34 34

32 22

Chains

The south boundary was surveyed by A. D. Griffin and Craig P. Sylvester in 1959. The west boundary was surveyed by John W. Dougall in 1916.

The following field notes are those of a dependent resurvey of the west boundary, and a survey of the east and north boundaries, and a portion of the subdivision deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections that are normally considered state school sections.

The survey was executed with W. and L. E. Gurley Solar Transit No. 461625, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west limes were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at the latitude 39°38'21.94" N. and longitude 113°35'02.03"W. as adjusted from traverses to U. S. G. S. triangulation station "Fish".

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16°30' East.

The abbreviation I. P. as used herein indicates iron post.

Dependent Resurvey of the R. Bdy Lof T. 13.8 L. R. 17 W.

•	Dependent Resurvey of the k. bay of The 13. S.C. R. 1/W.
Chains	Chains The same and the same at the same a
. ين القال	Dependent resurvey of the East Boundary of Downship 13 South, Range 17 West, and the establishment thereon of new corners pertaining to Township 13 South, Range 16 West at latitudinal intervals of 40.00
24. LU JOS	chains north of the closing corner of Township 13 South, Range 16 West and Township 14 South, Range 17 West, Colored Section
	s (c. 18 c. 1 c. 2.12.1. C. 2.12.1.) (c. 18 c.
	Reestablishment of the survey executed by John W. Dougall in 1916.
31 -	1.8.0 (20.1.1) (3.6.0 (1.1.1) (3.1.1
. (2 √) Car. . (2 √) G	From the SE. cor. of T. 13 S., R. 17 W. marked by an 1ron post 3 ins diam, set, mkd. and witnessed as described in the official record.
	North, along the E. bdy. of sec. 36.
22.35	The closing cor. of T. 13 S., R. 16 W., and T. 14 S., R. 17 W. marked by an iron post 2½ ins. diam. set, mkd.and witnessed as described in the official record of the survey of the N. bdy. of T. 14 S., R. 16 W. in 1959.
40.05	The original & sec. cor. of secs. 36 and 31, marked by an iron post 1 in. diam. set, mkd. and witnessed as described in the official record. This cor. was remarked to function as the a sec. cor. of sec. 36, T. 13 S., R. 17 W. only, as follows.
6-1-4 An€. •	
. 30 (. 3. (3 (3	25. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.
, 5	The state of the s
V.S C S. . 3 - ES	North, beginning new measurement.
17.90	Wash, 3 ft. deep, 70 lks. wide, drains N 40°W
22.30	Point for the 2 sec. cor. of sec. 31, T. 13 S., R. 16 W.
	Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground with brass cap mkd.
30 U U 30 U U U U U U U U U U U U U U U	T13s
, s 33 .67	Raised mound of stone 2½ ft. base, 2 ft. high E. of I.P. see note and hear NW and SE
40.17	
40.17	The original cor. of secs. 25, 30, 31 and 36, marked by an iron post 3 ins. diam. set, mkd. and witnessed as described in the official record. This cor. was remarked to function as the cor. of secs. 25 and 36, T. 13 S., R. 17 W. only, as follows.
	T13S R17W R16W S25 S36 S31 1960 1916
1	

	Dependent Resurvey of the B. Bdy. of T. 13 S., R. 17 W.
Chains	
	North, along the E. bdy's of sec. 25, call go in a particular
3.50	Graded road bears. E and W. S. R
	Point for the cor. of secs. 30 and 31, T. 13 S., CR. 16 W.
	Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 24 ins. in the ground, with brass cap mkd.
	T13s
	R17W R16W S25 S30
23.112	[S31]
	Raise a mound of stone 2 ft. base, 2 ft. high E. of I. P.
22.43	Wash 4 ft. deep, 20 lks. wide drains W.
25.18	Top of slope
40.06	The original ½ sec. cor. of secs. 25 and 30, marked by an iron post 1 in diam. set, mkd. and witnessed as described in the official record. This cor. remarked to function as the ½ sec. cor. of sec. 25, T. 13 S., R. 17 W. only, as follows.
ar a X	\$25 1960 1916
	North, beginning new measurement.
22.07	Point for the 1 sec. cor. of sec. 30, T. 13 S., R. 16 W.
	Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground, to bedrock and in a mound of stone 4 ft. base, to top, with brass cap mkd.
	13
	S30 S1960
39.99	The original cor. of secs. 19, 24, 25 and 30, marked by an iron post 3 ins. diam., set, mkd. and witnessed as described in the official record. This cor remarked to function as the cor. of secs. 24 and 25. T. 13. S., R. 17 W. only as follows.
	T13S R17W R16W S24 S25 S30
	\$\frac{\frac}\fint}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac}{\frac{\frac}{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac}{\frac{\frac}}}}{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\fir}}}}}{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac}}}}}{\frac{\frac{\frac{\frac{\frac}{\frac{\frac}{\frac{\frac{\frac}}}}{\frac{\frac{\frac{\frac}{\frac{\frac}{\frac{\frac{\frac{\frac}{\frac{\frac}}}}{\frac{\frac{\frac{\frac{\frac}{\frac{\frac}}}}{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac
	and the second of the second o
	→

£	Dependent Resurvey of the B. Bdy of T. Livi work a said page.	
Chains	Name along the P hours of many 2/100	Sales F
22.08	North, along the E. bdy. of sec. 24; a said meas cornell.	- '
22.00	Point for the cor. of secs. 19 and 30; T. 13 S. a. 16 M.	
	Set an iron post 30 ins. long, 24 ins. diam. 10 ins. in the and in a mound of stone 3 ft. base, to top, with brass cap	mkd.
	T13S	•
	$\begin{array}{c} 87.4 \\ \underline{819} \\ 830 \end{array}$	
	1960	:
39.93	The original & sec. cor. of secs. 24 and 19, marked by an i 1 in. diam. set, mkd. and witnessed as described in the off record. This cor remarked to function as the & sec. cor. o T. 13 S., R. 17 W. only as follows.	icial f sec. 24,
	\$24]	_ •
	1960 1916	
		1.0
	North, beginning new measurement,	
22.15	Point for the & sec. cor. of sec. 19, T. 13 S., R. 16 W.	
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the with brass cap mkd.	ground,
	T13S	
	R17W R16W	
	1960	1. 16
	Raised mound of stone 2½ ft. base, 2 ft. high E. of I. P.	
32.65	Dirt road bears E, and W.	
40.17	The original cor. of secs. 13, 18, 19, and 24, marked by an 3 ins. diam. set, mkd., and witnessed as described in the of record. This cor. remarked to function as the cor. of secs. 24, T. 13 S., R. 17 W. only as follows.	ficial
	T13S R17W R16W	
	9121	124.4
	1960 1916	;
	North, along the E. bdy. of sec. 13.	:
21.98	Point for the cor. of secs. 18 and 19, T. 13 S., R. 16 W.	; }
	Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the graded bedrock and in a mound of stone 4 ft. base, to top, with branks.	round to
	T13S R17W R16W S13 <u>\$18</u> 1960	

43.17.---

Dependent Besurvey of the E. Bdy. of T. 13.5.9 R. 17 W. Chains The original k sec. cor. of secs. 13 and 18, marked by an iron post 40.05 1 in. diam. set, mkd., and witnessed as described in the official record. This cor. remarked to function as the k sec. cor. of sec. 13, T. 13 S., R. 17 W. only, as follows. S13 1960 1916 North, beginning new measurement. 21.93 Point for the k sec. cor. of sec. 18, T. 13 S., R. 16 W. Set an iron post 30 ins. long, 21 ins. diam. 24 ins. in the ground, with brass cap mkd. T13S **R17W R16W** ₹ 518 1960 Raised mound of stone 2 ft. base, 2 ft. high E. of I. P. 39.94 The original cor. of secs. 7, 12, 13 and 18, marked by an iron post 3 ins. diam. set, mkd. and witnessed as described in the official record. This cor. remarked to function as the cor. of secs. 12 and 13, T. 13 S., R. 17 W. only as follows. R17W R16W $\frac{S12}{S13}$ S18 1960 1916 North, along the E. bdy. of sec. 12. 21.99 Point for the cor. of secs. 7 and 18, T. 13 S., R. 16 W. Set an iron post 30 ins. long, 2½ ins. diam. 12 ins. in the ground to bedrock, and in a mound of stone 3 ft. base, to top, with brass cap mkd. T13S R17W R16W $S12 \left| \frac{S7}{S18} \right|$ 40.07 The original & sec. cor. of secs. 7 and 12, marked by an iron post 1 in. diam. set, mkd. and witnessed as described in the official record. This cor. remarked to function as the k sec. cor. of sec. 12 T13 S., R. 17 W. only as follows. S12 1960 1916

North, beginning new measurement.

-678 b

136

from the Resurvey of the B. Bdy. of T. 1944, Mar Montor of Point for the k sec. cor. of sec. 7, T. 13 S., R. 16 W. 21.92 Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd. T13S R17W R16W | 表 " 57 1960 ·· Raised mound of stone 2½ ft. base, 2 ft. high E. of I. P. The original cor. of secs. 1, 6, 7 and 12, marked by an iron post 3 40.04 ins. diam. set, mkd. and witnessed as described in the official record. This cor. memarked to function as the cor. of secs. I and 12, T. 13 S., R. 17 W. only as follows. T13S R17W R16W S1 1S7 S12 1960 1916 North, along the E. bdy. of sec. 1. 21.88 Point for the cor. of secs. 6 and 7, T. 13 S., R. 16 W. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam. 10 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass mkd. T13S R17W R16W S1 S6 S7 1960 39.99 The original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, marked by an iron post 1 in. diam. set, mkd. and witnessed as described in the official record. This cor. remarked to function as the 1/2 sec. cor. of sec. 1, T. 13 S., R. 17 W. only as follows. 1960 1916

North, beginning new measurement.

21.89 Point for the 1/2 sec. cor. of sec. 6, T. 13 S., R. 16 W.

Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T13S R17W R16W | \frac{1}{2}; | S6 1960

Raised mound of stone 2 ft. base, 2 ft. high E. of I. P.

38.59 Wash 4 ft. deep 50 lks. wide, drains W.

The original cor. of Tps. 12 and 13 S., Rgs. 16 and 17 W. marked by

	Dependent Resurvey of the E. Bdy c. of T. 13 S. c. R. 17 W.
Chains	
	an iron post 3 ins. diam. set, mkd. and witnessed as described in the official record. This Tp. cor. remarked to function as the cor. of Tps. 12 and 13 S., R. 17 W. only as follows:
	Tl2S
	R17W R16W
`	
	1960
	1916
	From this cor. the closing cor. of Tps. 12 and 13 S., R. 16 W. bears NO 05 W.6.10 chs. dist. marked by an iron post set, mkd. and witnessed as described in the field notes of the concurrent survey of the N.
	Bdy of T. 13 S., R. 16 W.
	Survey of the E. Bdy. of T. 13 S., R. 16 W.
	Beginning at the cor. of Tps. 13 and 14 S., Rgs. 15 and 16 W. marked by an iron post 2 ins. diam. set. mkd. and witnessed as described in the official record.
	North, bet. secs. 31 and 36.
	Over mountainous desert land, covered with scattered juniper, asc. 100 ft. over broken and ladgy SE. slope.
5.70	Spur, slopes NE., desc. 495 ft. over ledgy NW. slope.
30.20	Wash in bottom of draw, 70 lks. wide, 3 ft. deep, drains NE., asc. 100 ft. over SW. slope.
40.00	Point for the k sec. cor. of secs. 36 and 31.
	Set an iron post 30 ins. long, 2½ ins. diam. 4 ins. in the ground, to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd.
	T13S R16W R15W
	836 831 1960
	Cor. falls on crest of long spur sloping NE., desc. 95 ft. over N. slope.
56.10	Wash, 50 lks. wide, 3 ft. deep, drains N. 60° E., asc. 40 ft. along E. slope.
59.10	Low spur, slopes E., desc. 70 ft. along E. slope.
79.40	Small wash, drains E., asc. 10 ft. over S. slope.
80.00	Point for the cor. of secs. 25, 30, 31 and 36.
·	Set an iron post 30 ins. long, 2½ ins. diam. 6 ins. in the ground, to bedrock, and in a mound of stome 3½ ft. base, to top, with brass cap mkd.
	7139

T138
R16W R15W
\$25 | \$30
836 | \$31
1960

```
survey of the East Wig. of T. 13 S. R. 16 W.
```

Chains

Land, broken
Soil, gravel and rocks, exposed ledges
Timber, scattered scrub juniper

North, bet. secs. 25 and 30.

Over broken mountainous desert land, through scattered juniper, asc. 15 ft. over S. slope of low spur.

- .85 Low spur, slopes NE., desc. 55 ft. over NE. slope. Leave mountains and scattered timber.
- 8.10 Wash, 30 lks. wide, 3 ft. deep, drains N. 60° E., asc.10 ft. along E. slope
- 12.70 Low spur, slopes NE., desc. 65 ft. along E. slope.
- Wash, 20 lks. wide, 2 ft deep, drains E., asc. 45 ft. along E. slope.

 40.00 Point for the k sec. cor. of secs. 25 and 30.
- Set an iron post 30 ins. long, 2½ ins. diam 12 ins. in the ground, to bedrock and in a mound of stone 3 ft. base to top, with brass cap mkd

T13S R16W R15W \$ S25 |S30

1960
Cor. falls on low spur, desc. 30 ft. along E. slope.

- 54.00 Low spur, slopes E., desc, 25 ft. along gentle E. slope.
- 62.90 Wash, 70 lks. wide, 3 ft. deep, drains E., cont. along gentle E. slo
- 73.90 Small rise, slopes NE., desc. 35 ft. over NW. slope.
- 80.00 Point for the cor of secs. 19, 24, 25 and 30.

Set an iron post 30 ins. long, 2½ ins. diam. 12 ins. in the ground to bedrock and in a mound of stone 3½ ft. base, to top, with brass cap mkd.

T13S R16W R15W <u>S24|S19</u> S25|S30 1960

Land, slightly broken Soil, rocks and gravel Timber, none

North, bet. secs. 19 and 24.

Over slightly broken desert land, desc. 55 ft. over NW. slope.

- 18.60 Wash, 30 lks. wide, 2 ft. deep, drains N. irregular, desc. 65 ft. along wash.
- 37.20 Leave same wash which changes course to NE., desc. over NE. slope.
- 40.00 Point for the k sec. cor. of secs. 19 and 24.

Survey of the East Bdy. of T. 13 S. R. Chains Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground and in a collar of stone, with brass cap mkd. T13S R16W R15W S24 S19 1960 .0 116 ... c. . . Astronous and Costella Cont. over NE. slope. المح المقادم سال المثار فاسآ 41.00 Small rise, slopes NE., desc. 85 ft. over gentle NE. slope. Wash, 20 lks. wide, 2 ft. deep, drains N. 40° E., desc. 10 ft. along 72.60 oltano, gentle-E. slope? en Compartire com a Co 80.00 Point for the cor. of secs. 13, 18, 19 and 24. .ev5. . . Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground and in a collar of stone, with brass cap mkd. T13S R16W R15W S13 S18 S24 S19 1960 Land, slightly broken color Soil, rocky and gravelly Timber, none North, bet. secs. 13 and 18. Over rolling desert land, desc. 15 ft. along gentle E. slope. 23.70 Small rise, slopes E. about 6 chs. and ends in black rocky point, desc. 35 ft. over gentle NE. slope 40.00 Point for the k sec. cor. of secs. 13 and 18. Set an iron post 30 ins. long, 2½ ins. diam. 18 ins. in the ground to bedrock and in a mound of stone 2½ ft. base, to top, with brass T13S R16W R15W · 1/4 S13 S18 1960 Desc. 10 ft. over gentle NE. slope. 45,60 Small wash, drains NE., desc. 15 ft. over gentle NE. slope. 55.80 a prominent rock capped knoll bears W. 1 ch., desc. 40 ft. over gentle NE. slope. 80.00 Point for the cor. of secs. 12, 7, 13 and 18. Set an iron post 30 ins. long, 2½ ins. diam. 16 ins. in the ground to bedrock and in a mound of stone 2½ ft. base, to top, with brass cap T13S S12 S7 S13 S18

1960

	Survey of the East Bdy. of T. 13,S., R. 16 W.
Chains	
	Land, rolling Soil, gravelly Timber, none
	North, bet. secs. 7 and 12.
	Over rolling desert land, desc. 5 ft. along gentle NE. slope.
12.70	Road, bears E. and W., desc. 10 ft. along gentle E. slope.
18.90	Small wash, drains, E., desc. 10 ft. along gentle E. slope.
35.60	Swale, small wash in bottom, drains SE., asc. 10 ft. over gentle SW. slope.
40.00	Point for the 1 sec. cor. of secs. 7 and 12, falls on graded gravel road, Sand Pass to Callao.
	At the cor. point deposit broken glass 2 ft. below road surface.
	From which; An iron post 30 ins. long, 2½ ins. diam. set 24 ins. in the ground, for a reference monument, with brass cap mkd. R.M. Tl3S R15W \\$57 22 ft. with arrow pointing to cor. bears N. 40° 25' E. 22 ft. dist.
	Raised a mound of stone 2½ ft. base, 2 ft. high W. of I. P.
	An iron post 30 ins. long, 2½ ins. diam. set 24 ins. in the ground, for a reference monument, with brass cap mkd. R.M. Tl3S R16W ½S12 60 ft. with arrow pointing to cor. bears N. 12° 38' W. 60 ft. dist.
	Raised mound of stone 2 ft. base, 2 ft. high E. of I. P.
	Asc. 80 ft. over SW. slope.
67.40	Bulldozed road, bears E. and W., asc. 50 ft. over S. slope.
73.70	A mine shaft bears W. about 10 chs. dist. abandoned at time of surversc. 60 ft. over S. slope.
80.00	Point for the cor. of secs. 1, 6, 7 and 12.
66.74	Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground and in a collar of stone, with brass cap mkd.
	T13s
	R16W R15W S1 S6 S12 S7 1960
	Cor. falls on slight E. slope in a small saddle.
s = :	Land, rolling to broken Soil, gravelly
	Timber, none.
	North bet sees 1 and 6
. 3	North, bet. secs. 1 and 6. Over broken desert land, asc. S. slope.
1.50	Top of ascent, in small saddle, bears E. and W., desc. 65 ft. over
	- pro-1

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Survey of the East Bdy. of Took 325., R. 16 W.
 Chains
         rocky NE. slope.
                              -46 L. F. 23
 14.30
         Bulldozed road, bears E. and W. also end of descent in pass, asc.
         270 ft. over rocky S. slape.
 40.00
         Point for the 1 sec. cor. of secs. 1 and 6.
         Set an iron post 30 ins. long, 2½ ins. diam. 10 ins. in the ground to
        bedrock and in a mound of stone 3 ft. base, to top, with brass cap
         mkd.
                                    T13S
                        المانيان ) ج
                                 R16W R15W
                                   S1 S6
        Asc. 20 ft. over S. slope.
41.80
        High rocky spur, slopes E., desc. 200 ft. over rocky NE. slope.
54.90
        Wash in bottom of draw, drains SE., asc. 80 ft. over SW. slope.
        Top of ridge, bears W. and N. irregular, desc. 45 ft. along W. slope.
65.00
74.00 Small spur, slopes W., desc. 20 ft. along W. slope.
80.00
        Point for the cor. of Tps. 12 and 13 S., Rgs. 15 and 16 W.
        Set an iron post 30 ins. long, 2½ ins. diam. 14 ins. in the ground
        to bedrock and in a mound of stone 4 ft. base, to top, with brass cap
        mkd.
                                    T12S
                                 R16W R15W
                                 S36 S31
                                  S1 S6
                                    T138
                                    1960
        Land, broken
        Soil, rocks and gravel
        Timber, none
             Survey of the North Boundary of T. 13 S., R. 16 W.
        From the cor. of Tps. 12 and 13 S., Rgs. 15 and 16 W.
        West, bet. secs. 1 and 36.
        Over mountainous desert land, desc. 20 ft. over W. slope.
                                                    .*(. .
 7.90
        Wash, 3 ft deep, 40 lks. wide, drains NW., asc. 25 ft. along
        irregular N. slope.
                                        . : . .
31.60
       High spur, slopes NW., desc. 60 ft. over SW. slope.
               Effect on a trace of a first trace of the contract of
40.00
        Point for the 1 sec. cor. of secs. 1 and 36.
        Set an iron post 30 ins. long, 2½ ins. diam. 12 ins. in the ground to
        bedrock and in a mound of stone 3½ ft. base, to top, with brass cap
        mkd.
                                     e^{i\phi_2}Y_1
                                   中长诗人走
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Survey of the North . . . of T. 13 S. R. 16 W.

	Survey of the North of T. 13 S. R. 16 W.
Chains	to the late of the
	T12S R16W
ļ	\$36
	1
	.T1.3S
	1900
	Desc. 90 ft. over SW. slope.
48.00	Base of hills, bears N. and S. irregular, thence over rolling desert land.
76.50	Graded gravel road, (Sand Pass to Callao), bears NW. and SE., asc. 20 ft. over rolling desert land.
80.00	Point for the cor. of secs. 1, 2, 35 and 36.
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.
	• T12S_R16W • • • • • • • • • • • • • • • • • •
	<u>\$35 \$36</u>
	S2 {S1
	1960
	Raised mound of stone 3 ft. base, 2½ ft. high W. of I. P.
	Land, mountainous to rolling desert
i	Soil, gravelly and rocky on mts. sandy clay on desert land.
	Timber, none, undergrowth, sage and shadscale.
1	West, bet. secs. 2 and 35.
1	
	Over rolling desert land, along a gentle NW. slope.
21.00	Low rocky spur, slopes N. about 5 chs. to end, desc. 45 ft. over
	gentle NW. slope.
40.00	Point for the 1 sec. cor. of secs. 2 and 35.
	Set an iron post 30 ins. long, 2½ ins. diam. 12 ins. in the ground, to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd.
1	T12S R16W
1	\$\frac{\sum_{35}}{\sum_{2}}
i ·	T138
f .	1960
	Desc. 45 ft. over gentle NW. slope.
64.90	Small wash, drains NW., desc. 35 ft. over gentle W. slope.
80.00	Point for the cor. of secs. 2, 3, 34 and 35.
	Set an iron post 30 ins, long, 2½ ins. diam. 10 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd.
	mae succe
1	T12S R16W
	\$34 \$35 \$3 \$2
	T13S
	1960
i	

and, slightly broken to rolling

Chains	. Legale distribute avec
	Soil, sandy clay with gravel and rocky spots.
	Undergrowth, sage and black brush.
onnos, e	District A car a manage and fire control control control of the second
ยนงน์นี้ .	22 L. CCC U.S. SCOR
	West, bet. secs. 3 and 34.
	Over gently rolling desert land of Snake Valley, desc. 50 ft. over gentle W. slope.
28.20	Enter level bottom land, E. edge of natural pond, dry at time of survey.
40.00	Point for the k sec. cor. of secs. 3 and 34.
	Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground and in a collar of stone, with brass cap mkd.
	T12S R16W . A D . CLOST . LEG (LEG
. Squat	51. 50 .005 . Bizz
	T13S
	Cor. falls on W. edge of natural pond, cont. over level bottom land.
68.30	
00 00	
80.00	Point for the cor. of secss: 3, 4, 33 and 34
. do‱j s	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and inca mound of stone 3 ft. base, to top, with brass cap mkd.
. చల్≟పై క	Set anciron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S3 T13S
. do‱j s	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S 1960
.oo⊾j s	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S 1960 Land, rolling to level deserta Soil, clay, gravel spots Timber, none
∪1.3 S Cas G . 1	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960 Land, rolling to level deserte Soil, clay, gravel spots Timber, none
. 40013 S Cab G . 1	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960 Land, rolling to level desert Soil, clay, gravel spots Timber, none
. 1.30€ j. 8 8.35 € . 1	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960 Land, rolling to level deserte Soil, clay, gravel spots Timber, none
. અહેદું ક દાંગલ . : • • • ક	Set an iron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S T1960 Land, rolling to level desert Soil, clay, gravel spots Timber, none Undergrowth, sage, and black brush West, bet. secs. 4 and 33. Over rolling desert land of Snake Valley, asc. 10 ft. over gentle E. slope.
. 40013 S Cab G . 1	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960) Land, rolling to level desert Soil, clay, gravel spots Timber, none Undergrowth, sage, and black brush West, bet. secs. 4 and 33. Over rolling desert land of Snake Valley, asc. 10 ft. over gentle
	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S3 T13S 1960 Land, rolling to level desert Soil, clay, gravel spots Timber, none Undergrowth, sage, and black brush West, bet. secs. 4 and 33. Over rolling desert land of Snake Valley, asc. 10 ft. over gentle E. slope. Top of rise, bears N. and S., desc. 110 ft. over gentle W. slope. Point for the ½ sec. cor. of secs. 4 and 33.
. 0.5 € 6.35 € 6.35 €	Set an iron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960 Land, rolling to level desert Soil, clay, gravel spots Timber, none Undergrowth, sage, and black brush West, bet. secs. 4 and 33. Over rolling desert land of Snake Valley, asc. 10 ft. over gentle E. slope. Top of rise, bears N. and S., desc. 110 ft. over gentle W. slope.
1.80	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960 Land, rolling to level desert Soil, clay, gravel spots Timber, none Undergrowth, sage, and black brush West, bet. secs. 4 and 33. Over rolling desert land of Snake Valley, asc. 10 ft. over gentle E. slope. Top of rise, bears N. and S., desc. 110 ft. over gentle W. slope. Point for the ½ sec. cor. of secs. 4 and 33. Set an iron post 30 ins. long, 2½ ins. diam. 24 cins. jin the ground, and in a collar of stone, with brass mkd of stone, with brass mkd of stone, with brass mkd of stone, S33
1.80	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960 Land, rolling to level desert Soil, clay, gravel spots Timber, none Undergrowth, sage, and black brush West, bet. secs. 4 and 33. Over rolling desert land of Snake Valley, asc. 10 ft. over gentle E. slope. Top of rise, bears N. and S., desc. 110 ft. over gentle W. slope. Point for the ½ sec. cor. of secs. 4 and 33. Set an iron post 30 ins. long, 2½ ins. diam. 24 cins. jin the ground, and in a collar of stone, with brass mkd of stone in the ground, and in a collar of stone, with brass mkd of stone in the ground, and in a collar of stone, with brass mkd of stone in the ground, and in a collar of stone, with brass mkd of stone in the ground, and in a collar of stone, with brass mkd of stone in the ground, and in a collar of stone in the ground, and in a collar of stone in the ground, and in a collar of stone in the ground, and in a collar of stone in the ground, and in a collar of stone in the ground, and in a collar of stone in the ground, and in a collar of stone in the ground in the ground in a collar of stone in the ground in the ground in a collar of stone in the ground in the gr
1.80	Set anciron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S33 S34 S4 S3 T13S (1960 Land, rolling to level desert Soil, clay, gravel spots Timber, none Undergrowth, sage, and black brush West, bet. secs. 4 and 33. Over rolling desert land of Snake Valley, asc. 10 ft. over gentle E. slope. Top of rise, bears N. and S., desc. 110 ft. over gentle W. slope. Point for the ½ sec. cor. of secs. 4 and 33. Set an iron post 30 ins. long, 2½ ins. diam. 24 cins. jin the ground, and in a collar of stone, with brass mkd of stone, with brass mkd of stone, with brass mkd of stone, S33

. Survey of the North Bdy. of T. 13 S., R. 16 W. Mels in Chains Desc. 65 ft. over gentle W. slope. .unija jakom ja ukymu Point for the cor. of secs. 4, 5, 32 and 33.4 to (2.2.4.1/1) 00.08 Set an iron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S32 S33 C S5 S4 T13S 1960 Land, rolling desert Soil, sandy clay Timber, none West, bet. secs. 5 and 32. Over rolling desert land of Snake Valley, desc. gentle W. slope. 3.20 Crest of terrace, bears N. and S., Desc. 45 ft. over W. slope of terrace. - 6. . . . Base of same terrace, bears N. and S., thence over gentle rolling 11.00 bottom land, draining NW. 40.00 Point for the 2 sec. cor. of secs. 5 and 32. Set an iron post 30 ins. long, 2½ ins. diam. 15 ins. in the ground to bedrock and in a mound of stone 2½ ft. base, to top, with brass cap mkd. T12S R16W <u> ₹ _S32</u> **S**5 T13S 1960 Cont. over gently rolling desert land. 80.00 Point for the cor. of secs. 5, 6, 31 and 32. Set an iron post 30 ins. long, 2½ ins. diam. 14 ins. in the ground to bedrock and in a mound of stone 3 ft. base, to top, with brass cap mkd. T12S R16W S31 S32 S6 S5 T13S 1960 Land, rolling desert Soil, sandy clay Timber, none Undergrowth, sage, shadscale and black brush. 100 -West, bet. secs. 6 and 31. Over rolling desert land of Stake Valley, draining NW. Point for the 1/2 sec. cor. of secs. 6 and 31. 40.00

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tide of the Morth Bdy. of R. d3 S., R. 16 W.

Chains

Set an iron post 30 ins. long, 2½ ins. diam. 23 ins. in the ground, with brass cap mkd.

T12S R16W \$\frac{\$31}{\$56}\$ T13S. 1960

Raised mound of stone 2 ft. base, 2 ft. high N. of I. P.

Cont. over rolling desert land.

80.00 Point for the 1/16 cor. of secs. 6 and 31.

Set an iron post 30 ins. long, 2½ ins. diam. 23 ins. in the ground, and in a collar of stone, with brass cap mkd.

T12S R16W 1/16 S31 80 T13S 1960

Cont. over rolling desertland.

89.96 Intersect the E. bdy. of T. 12 S., R. 17 W.

Point for the closing cor. of Tps. 12 and 13 S., R. 16 W.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

T125 T12S R16W S36 S31 CC S6 R17W T13S 1960

From this cor. the cor. of Tps. 12 and 13 S., R. 17 W. bears S. 0° 05 E., 6.10 chs. dist. marked by an iron post 3 ins. diam. set and witnessed as described in the official record, and remkd. as described in the concurrent dependent resurvey of the E. bdy. of T. 13 S., R. 17 W.

Land, rolling desert. Soil, sandy clay

Timber, none Undergrowth, sage, shadscale and black brush.

Survey of a Portion of the Subdivision of T. 13 S., R. 16 W.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp. mkd. by an iron post 2½ ins. diam. set, mkd. and witnessed as described in the official record.

N. 0° 01' W. bet. secs. 35 and 36.

Over mountainous desert land, covered with scattered juniper, asc. 15 ft. over SW slope.

		Survey, Portion of the Subdivision of T. 13 S., R. 16 W.
	Chains	more)
	J : (2.20	Spur, slopes NW., desc. 20 ft. over N. slope. Character
	5.20	Drain, drains W., asc. 20 ft. over S. slope.
	8.70	Spur, slopes W., desc. 50 ft. over N. slope.
	13.00	Wash, 4 ft. deep, 50 lks. wide, drains W., asc. 130 ft. over SE. slope.
	31.30	Top of ridge, bears S. irregular and NW., desc. 140 ft. over NE. slope.
	40.00	
		Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 4 ins. in the ground, to bedrock, and in a mound of stone $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.
		T13S R16W
		\$35 836
		1960
		Desc. 20 ft. over NE. slope.
	41.30	1 · · · · · · · · · · · · · · · · · · ·
	46.30	Ridge, bears NW. and SE., desc. 160 ft. over NW. slope of spur sloping N. from ridge.
	~ 62.9 0	Top of same spur which curves to NW., desc. 205-ft. over NE. slope of spur.
	80.00	Point for the cor. of secs. 25, 26, 35 and 36.
		Set an iron post 30 ins. long, 2½ ins. diam. 6 ins. in the ground to bedrock, and in a mound of stone 4 ft. base to top, with brass cap mkd.
	60 .c. C.	T13S R16W
2 ز		3 000 000 00 0 0 0 0 0 0 0 0 0 0 0 0 0
		G., C., C., C., C., C., C., C., C., C., C
		Land, broken mountain
		Soil, rocky and gravelly Timber, very scattered scrub juniper
		Undergrowth, sage and black brush
	_	
		From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.
		S. 89° 59' W. bet. secs. 25 and 36.
		Over mountainous desert land, covered with scrub juniper, asc. 150 ft. over broken NE. slope.
	21.60	Saddle on top of spur which slopes N., desc. 60 ft. over W. slope.
	28.90	Wash, 3 ft. deep, 60 lks. wide, drains NE of from W. irregular, thence along S. slope.
	34.10	Same wash, drains SE. from NW., asc. 20 ft. over NE. slope.
	40.00	Point for the ½ sec. cor. of secs. 25 and 36.

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Survey, Postion of the Subdivision of T. 13 S., R. 16 W.

Chains

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Set an iron poet 30 insellons, 2k insediam, 20 inse in the ground and in a collar of stone, with brass cap mkd.

1138 R16W

\$ <u>\$25</u> \$36 1960

Asc. 375 ft. over NE.bslope.c

62.00 High spur, slopes N., Desc. 180 ft. ever SW. slope.

75.20 Wash in bottom of draw, drains NW., asc. 45 ft. over NE. slope.

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, broken
Soil, gravel and rocks
Timber, scattered juniper,
Undergrowth, sage and black brush.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp. mkd. by an iron post 2½ ins. diam. set, mkd. and witnessed as described in the official record.

N. 0° 02' W., bet. secs. 33 and 34.

Over mountainous desert land, asc. 45 ft. over S. slope.

4.40 Low spur, slopes W., desc. 60 ft. along W. slope.

14.60 Wash, 3 ft. deep 60 lks. wide, drains W., asc. 60 ft. along W. slope.

30.80 Spur, slopes W., desc. 110 ft. along broken W. slope.

35.60 Rocky draw, drains W., asc. 35 ft. along W. slope.

40.00 Point for the k sec. cor. of secs. 33 and 34.

Set an iron post 30 ins. long, 21 ins. diam. 6 ins. in the ground to bedrock, and in a mound of stone 4 ft. base to top, with brass cap mkd.

T13S R16W k S33 | S34

Asc. 20 ft. over broken W. slope.

43.30 Spur, slopes W., desc. 40 ft. along irregular W. slope over a series of small spurs and gullies draining W.

61.50 Black rocky spur, slopes W., desc. 70 ft. along W. slope

70.80 Wash, 3 ft. deep, 70 lks. wide, drains W. irregular, asc. 35 ft. over S. slope.

80.00 Point for the cor. of secs. 27, 28, 33 and 34.

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5 L 2

Chains		l canal
. 1, 5	Set an iron post 30 ins. long, 25 ins. diam, on solid re	
	X, and in a mound of stone 4 ft. base to top, with brass	cap mk
	T13S R16W	1
	\$28 \$27	•
	\$33 \$34 1960	Ì
	1900	1
	Land, broken mountain	į
	Soil, gravel and rocks, exposed ledges and a contract	
	Timber, none Undergrowth, shadscale.	·
. ن پ د		:.2)
	N. 0° 02' W. bet. secs. 27 and 28. (2 1000 00 00 00)	. ii.:
	Over broken mountainous desert land, asc. 50 ft. over 8.	_
13.60	Small divide, bears W. and NE., desc. 110 ft. along a roc slope below crest of divide.	ky W.
40.00	Point for the 2 sec. cor. of secs. 27 and 28.	į.
,	Set an iron post 30 ins long, 2½ ins diam. 6 ins. in the to bedrock, and in a mound of stone 4 ft. base, 22 ins. h brass cap mkd.	e grou igh, w
	T13S_R16W	
	Figure . The set of t	:
	Desc. 20 ft. along W. slope.	
42.00	Slope changes, desc. 135 ft. over N. slope of spur.	
46.80	Base of N. end of spur, bears SW. and SE., thence over bo wide draw.	ttom o
59.00	Wash, 3 ft. deep, 40 lks. wide, drains W., also base of t bears W. and SE., asc. 40 ft. over S. slope.	errace
61.00	Crest of same terrace, bears W. and SE., desc. 10 ft. ove bench land draining N.	r roll:
80.00	Point for the cor. of secs. 21, 22, 27 and 28.	
	Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 12 ins. in to bedrock, and in a mound of stone 3 ft. base to top, wi cap mkd.	he grou th bras
	T13S R16W	
	$\frac{2 \times 21}{2 \times 2} \times 22 \times 22 \times 22 \times 22 \times 22 \times 22 \times$	
	1960 Land, broken	U
	Soil, gravel and rocks Timber, none Undergrowth, shadscale and sage.	€P.s.
		١.١
	N. 0° 02' W. bet. secs. 21 and 22.	

Survey, Portion of the Subdivision of T. 13 S., Chains 25.20 Small wash, drains N. irregular, desc. 30 ft. over slightly broken bench land. 40.00 Point for the k sec. cor. of secs. 21 and 22. Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 12 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap T13S R16W 4-24**k** - 6-2 S21 | S22 1960 Desc. 15 ft. over rolling bench land draining N. 58.30 Graded gravel road, bears N. 70° E., and S. 70° W., cont. over bench land draining NW. 73.50 Wash, 2 ft. deep, 30 lks. wide, drains W., cont over. slightly broken bench land. Rise, bears E. and W., desc. 35 ft. over N. slope of rise. 75.20 80.00 Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post 30 ins. long, 2½ ins. diam. 16 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S16 815 S21 S22 1960 Land, slightly broken bench Soil, gravelly clay Timber, none Undergrowth, sage, shadscale and black brush. N. 0° 02' W. bet. secs. 15 and 16. Over rolling desert bench land of Snake Valley, desc. 15 ft. along gentle W. slope. Wash, 3 ft. deep 70 lks. wide, drains NW., cont. along gentle W. 26.30 slope. Point for the & sec. cor. of secs. 15 and 16. 40.00 Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground, and in a collar of stone, with brass cap mkd. T13S R16W S16 S15 -1960 Cont. along gentle W. slope. 46.70 Top of small knoll, about 6 chs. diam., desc. 75 ft. along gentle W. slope. 80.00 Point for the cor. of secs. 9, 10, 15 and 16. Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 24 ins. in the ground,

Chains	the second of th
5. 00	and in a collar of stone, with brass cap mkd, and it is a few first
	113S R16W
	. <u>59 S10</u>
	S16 S15 1960
e e e Se e e e	المنظوم فالمال والموافق المالي والموافق والموافق والموافق والموافق والموافق والموافق والموافق والموافق والموافق
-	Land, rolling desert Soil, clay and sand with gravel spots Timber, none.
	Undergrowth, sage and shadscale
	$t = t^{-\frac{1}{2}}$
	N. 0° 02' W. bet. secs. 9 and 10.
	Over rolling desert bench land of Snake Valley, desc. 65 ft. over gentle W. slope.
40.00	Point for the 2 sec. cor. of secs. 9 and 10.
	Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 20 ins. in the ground, and in a mound of stone $2\frac{1}{2}$ ft, base, to top, with brass cap mkd.
	T13S R16W
٠.	S9 S10 S10 S10 S10 S10 S10 S10 S10 S10 S10
2.57.	Desc. 20 ft. along gentle W. slope.
70.10	Small wash, drains SW., desc. 20 ft. along gentle W. slope.
79.00	Point selected for the witness cor. of secs. 3, 4, 9 and 10.
	Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground,
	with brass cap mkd.
	T1,3S R16W
1	₩ C S4↑S3
	S9 S10
	1960
. 3	Raised mound of stone 22 ft. base, 2 ft. high W. of I. P.
80.00	Point for the cor. of secs. 3, 4, 9 and 10, fall in wash where
	monument cannot be perpetuated. Wash drains W.
	Land, rolling
	Soil, clay some gravel spots
	Timber, none Undergrowth, sage and shadscale
F	who is the state of the state o
Ť	N. 0° 01' E. bet. secs. 3 and 4.
15 00	Over rolling desert land, asc. 65 ft. over S. slope to small bench.
15.80	Crest of small bench, bears NW. and E., asc. 25 ft. over gentle S. slope on top of bench.
40.00	Point for the k sec. cor. of secs. 3 and 4.
	Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground,
- 1	

Survey, Postion of the Subdivision of T. 13 S., R. 16 W. Chaine and in a coller of stone, with brace cap and. T136 R16W . 84 83 كأرمايين 1960 Asc. 50 ft. on top of bench. 80.12 The cor. of secs. 3, 4, 33 and 34 on the N. bdy. Land, rolling bench Soil, sandy clay, gravel spots . Timber, none Undergrowth, shadscale and sage. From the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp. S. 0°01' B. bet. secs. 2 and 3. Over rolling desert land, asc. 25 ft. along a gentle W. slope. 28.50 Wash, 3 ft. deep, 30 lks. wide, drains. W. 34.20 Wash, 2 ft. deep, 40 lks: wide, drains W., asc. 10 ft. along W. slope. 40.08 Point for the k sec. cor. of secs. 2 and 3. Set an iron post 30 ins. long, 21 ins. diam. 14 ins. in the ground to bedrock, and in a mound of stone 21 ft. base to top, with brass cap mkd. T13S R16W S3 |S2 1960 Asc. 90 ft. over gentle W. slope. 80.08 Point for the cor. of secs. 2, 3, 10 and 11, at a position calculated to be bet. the cor. of secs. 1, 6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S3 S2 \$10 S11 1960. Land, rolling Soil, sandy gravel, rocky on S. portion. Timber, none Undergrowth, shadscale and sage. the corner of N. 89°58' E. bet. secs. 2 and 11, on a line calculated bet / secs. 1,

6, 7 and 12 on the E. bdy. and the cor. of secs. 3, 4, 9 and 10.

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Survey, Portion of the Subdivision of the Subdivision of
 Chains
          Over broken desert land, asc. 40 ft. along wentle W. slope.
  12.30
          Small spur, slopes S., thence along S. slope.
  22.80
          Small spur, slopes S., about 8 chs. to end, cont. along S. slope.
          Gully, drains S., asc. 45 ft. along S. slope.
  26.30
 36.10
          Spur, slopes S., cont. along S. slope.
          Small draw, drains SW., asc. 10 ft. over W. slope.
 38.00
                                                          40.00
          Point for the k sec. cor. of secs. 2 and 11.
         Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground
         to bedrock, and in a mound of stone 3 ft. base to top, with brass cap
         mkd.
                                    T13$ R16W.
                                       S2
                                       311
                                      1960
         Asc. 55 ft. over W. slope.
         Spur, slopes S. also top of ascent on low broken hills, desc. 70 ft.
 44.10
         over SE. slope.
 58,20
         Small spur, slopes S. from NW., desc. 55 ft. over SE. slope.
 80.00
         Point for the cor. of secs. 1, 2, 11 and 12.
         Set an iron post 30 ins. long, 2\frac{1}{2} ins. diam. 10 ins. in the ground
         to bedrock, and in a mound of stone 3 ft. base to top, with brass cap
         mkd.
                                    T13S R16W
                                    S2 | S1
S11 | S12
                                       1960
        Land, broken
        Soil, gravel and rocks
        Timber, none
        Undergrowth, sage and shadscale.
        N. 0°01'E. bet. secs. 1 and 2.
        Over rolling desert land, drains E., asc. 40 ft. along gentle E.
        slope.
38.10
        Small wash, drains E., asc. gentle E. slope.
40.00
        Point for the k sec. cor. of secs. 1 and 2.
        Set an iron post 30 ins. long, 2\frac{1}{2} ins. diam. 22 ins. in the ground,
        with brass cap mkd.
                                   T138 R16W
                                     S2 | S1
                                      1960
         sc. 45 ft. along gentle E. slope.
```

Spur, bears E., desc. 35 ft. over ME. slope. The cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the 80.02

62.10

Chains	
,	Land, rolling to brokenie the called a reis . The Allenda
	Soil, sandy clay, rocky on N. portion.
	Timber, none: Colisso Line Gio.
	Undergrowth, sage and shadscale
	· · Command (east alan)
	From the cor. of secs. 15, 16, 21 and 22.
isid iii	Weat; betweencs. 163ando21o some of the process of a second of the company of
;	Over broken desert land, asc. 15 ft. over NE. slope.
8.40	Top of rise, bears NW. and E., desc. 20 ft. over W. slope.
12.50	Wash, 5 ft. deep, 50 lks. wide, drains N. 60° W., asc. 55 ft. over NE. slope.
24.40	Spur, slopes N., desc. 80 ft. over W. slope.
29.00	Base of same spur, bears N. and S., desc. 25 ft. over gentle W. slope.
40.00	Point for the k sec. cor. of secs. 16 and 21 cor.
	Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground, with brass cap mkd. T13S R16W Language Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground, 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 22 ins. in the ground, 32 ins. diam. 32 ins
, 51.	00, 10,00,10,00,00,00,00,00,00,00,00,00,00,0
	Raised mound of stone 2 ft. base, 2 ft. high N. of I. P.
	Desc. 80 ft. over gentle W. slope, covered with black rocks.
80.00	Desc. 80 ft. over gentle W. slope, covered with black rocks
80.00	Point: for the cor. of secs. 16, 17, 20 and 21.
80.00	Point: for the cor. of secs. 16, 17, 20 and 21.
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd.
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W
80.00 _~ .	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16
80.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W
	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of atone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960
	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13s R16W S17 S16 S20 S21 1960 Land, broken to rolling
	Desc. 80 ft. over gentle W. slope, covered with black rocks. Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none
	Desc. 80 ft. over gentle W. slope, covered with black rocks. Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky
	Desc. 80 ft. over gentle W. slope, covered with black rocks. Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none
	Desc. 80 ft. over gentle W. slope, covered with black rocks. Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none Undergrowth, shadscale N. 0°03'W. bet. secs. 16 and 17.
	Desc. 80 ft. over gentle W. slope, covered with black rocks. Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13s R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none Undergrowth, shadscale N. 0°03'W. bet. secs. 16 and 17. Over rolling desert land, desc. 50 ft. along gentle W. slope.
	Desc. 80 ft. over gentle W. slope, covered with black rocks. Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none Undergrowth, shadscale N. 0°03'W. bet. secs. 16 and 17.
40.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none Undergrowth, shadscale N. 0°03'W. bet. secs. 16 and 17. Over rolling desert land, desc. 50 ft. along gentle W. slope. Point for the ½ sec. cor. of secs. 16 and 17. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.
40.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none Undergrowth, shadscale N. 0°03'W. bet. secs. 16 and 17. Over rolling desert land, desc. 50 ft. along gentle W. slope. Point for the ½ sec. cor. of secs. 16 and 17. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.
40.00	Point for the cor. of secs. 16, 17, 20 and 21. Set an iron post 30 ins. long, 2½ ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top, with brass cap mkd. T13S R16W S17 S16 S20 S21 1960 Land, broken to rolling Soil, rocky Timber, none Undergrowth, shadscale N. 0°03'W. bet. secs. 16 and 17. Over rolling desert land, desc. 50 ft. along gentle W. slope. Point for the ½ sec. cor. of secs. 16 and 17. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, with brass cap mkd.

T T	Survey Portion of the Subdivision of T. 13-8. R. 16 W.
Chains	Surface 2
	Desc. 35 ft. along a gentle W. slope.
72.30	
78.20	1
80.00	Point for the cor. of secs. 8, 9, 16 and 17.
	Set an iron post 30 ins. long, 2½ ins. diam. 18 ins. in the ground to bedrock, and in a mound of stone 2½ ft. base to top, with brass cap mkd.
	T13S R16W
	\$8 \$9 \$17 \$16
	1960
	Land, rolling Soil, rocky clay
	Timber, none
	From the cor. of secs. 9, 10, 15 and 16.
<u>.</u>	S. 89°57'W. bet. secs. 9 and 16.
	Over rolling desert land, desc. 25 ft. over gentle W. slope.
21.10	, , , , , , , , , , , , , , , , , , , ,
31.80	Top of small rise, bears N. and S., desc. 35 ft. over gentle W. slope.
39.95	Point for the k sec. cor. of secs. 9 and 16.
	Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T13S R16W
	1 S9
	* S16 1960
	* S16
55.00	* S16 1960
55.00 71.30	S16 1960 Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over
	S16 1960 Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over gentle W. slope. Wash, 4 ft. deep, 60 lks. wide, drains NW., desc. 15 ft. over gentle
71.30	S16 1960 Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over gentle W. slope. Wash, 4 ft. deep, 60 lks. wide, drains NW., desc. 15 ft. over gentle W. slope.
71.30	S16 1960 Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over gentle W. slope. Wash, 4 ft. deep, 60 lks. wide, drains NW., desc. 15 ft. over gentle W. slope. The cor. of secs. 8, 9, 16 and 17. Land, rolling
71.30	S16 1960 Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over gentle W. slope. Wash, 4 ft. deep, 60 lks. wide, drains NW., desc. 15 ft. over gentle W. slope. The cor. of secs. 8, 9, 16 and 17. Land, rolling Soil, sandy clay, gravel spots Timber, none Undergrowth, shadscale and sage
71.30	Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over gentle W. slope. Wash, 4 ft. deep, 60 lks. wide, drains NW., desc. 15 ft. over gentle W. slope. The cor. of secs. 8, 9, 16 and 17. Land, rolling Soil, sandy clay, gravel spots Timber, none Undergrowth, shadscale and sage From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp.
71.30	Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over gentle W. slope. Wash, 4 ft. deep, 60 lks. wide, drains NW., desc. 15 ft. over gentle W. slope. The cor. of secs. 8, 9, 16 and 17. Land, rolling Soil, sandy clay, gravel spots Timber, none Undergrowth, shadscale and sage From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. N. 0°03'W. bet. secs. 32 and 33.
71.30	Desc. 30 ft. over gentle W. slope. Wash, 6 ft. deep, 1 ch. wide, drains N.70° W., desc. 30 ft. over gentle W. slope. Wash, 4 ft. deep, 60 lks. wide, drains NW., desc. 15 ft. over gentle W. slope. The cor. of secs. 8, 9, 16 and 17. Land, rolling Soil, sandy clay, gravel spots Timber, none Undergrowth, shadscale and sage From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp. N. 0°03'W. bet. secs. 32 and 33. Over slightly broken desert land, asc. 30 ft. along E. slope.

Survey Portion of the Subdivision of T. 13 S., R. 16 W. Chaine 22,30 Low rocky spur, slopes E., desc. 40 ft. slong E. slope. 40 .00 J Point for the & sec. cor. of secs. 32 and 33. Set an iron post 30 ins. long, 2k ins. diam. 8 ins. in the ground to bedrock, and in a mound of stone 3% ft. base to top, with brass cap mkd. .: T13S R16W **\$32** | \$33 1960 Asc. 20 ft. along E. slope. 48.70 Spur, slopes N. 30° E., desc. 45 ft. over NE. slope of spur. 59.80 Wash, 6 ft. deep, drains W., cont. over series of small spurs and gullies draining W. Small rise, bears E. and W., desc. 15 ft. along W. slope. 72.60 80.00 Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post 30 ins. long, 2½ ins. diam. 10 ins. in the ground to bedrock and in a mound of stone 4 ft. base, to top, with brass cap mkd. T13S R16W S29 | S28 S32 S33 1960 Land, broken Soil, rocky clay Timber, none Undergrowth, sage and shadscale From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the Tp. monumented by an iron post 2½ ins. diam. set, mkd. and witnessed as described in the official record. N. 0°03'W. bet. secs. 31 and 32. Over rolling desert land, asc. 10 ft. over gentle S. slope. 4.70 Top small rise, bears E. and W., thence along gentle W. slope. Small wash, drains W., desc. 10 ft. along gentle W. slope. 8.40 33,40 Top of rise, bears E. and W., desc. 25 ft. along gentle W. slope. 40.00 Point for the & sec. cor. of secs. 31 and 32. Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 18 ins. in the ground to bedrock and in a mound of stone 2% ft. base to top, with brass cap mkd. T13S R16W S31 S32

Wash, 4 ft. deep, 70 lks. wide, drains W., asc. 15 ft. along gentle W. slope.

Cont. along gentle W. slope.

1960

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Survey, Portion of the Subdivision of T. 13 S., R. 16 W

Chains 53.20 Top of small rise, bears NW. and E., desc. 25 ft. along W. slope. 64.50 Wash 6 ft. deep, 1 ch. wide, drains W., cont. along. W. slope. 80.00 Point for the cor. of secs. 29, 30, 31 and 32. Set an iron post 30 ins. long, 2½ ins. diam. 24 ins. in the ground, and in a collar of stone, with brass cap mkd. T135 R16W \$30 S29 \$31 S32 1960 Land, rolling Soil, gravelly and rocky Timber, none Undergrowth, shadscale and sage From the cor. of secs. 28, 29, 32 and 33. West, bet. secs. 29 and 32. Over rolling desert land of Snake Valley, desc. 25 ft. over W. slope 10.10 Small wash, drains N.70°W., desc. 50 ft. over W. slope. 36.40 Wash, 4 ft. deep, 1 ch. wide, drains NW., cont. over gentle W. slope Point for the 2 sec. cor. of secs. 29 and 32. 40.05 Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 16 ins. in the ground to bedrock, and in a collar of stone, with brass cap mkd. T13S R16W Asc. 15 ft. over gentle NW. slope. 43.40 Rise, slopes NW., desc. 25 ft. over SW. slope of rise. 50.00 Wash, 3 ft. deep, 40 lks. wide, drains NW., desc. 75 ft. over gentle W. slope. 80.10 The cor. of secs. 29, 30, 31 and 32. Land, rolling desert Soil, sandy clay, some gravel spots

U. S. GOVERNMENT PRINTING OFFICE 16-28520-2 L-1

Timber, none

Undergrowth, shadscale

Survey, Portion of the Subdivision of T. 13 S., R. 16 W

Chains

GENERAL DESCRIPTION

T. 13 S., R. 16 W., consists mainly of rolling desert land in the northern end of Snake Valley. The south portion of the township reaches the lower slopes of the Granite Mountain and the terrain becomes rough and broken.

The main roads within the township consist of the Sand Pass to Caliao road, which crosses the NE. corner of the township. A branch of this road enters the township on the E. bdy. of sec. 12, bears irregularly SW. and leaves the township on the W. bdy. of sec. 31. With the exception of the hills the township can be traveled with 2 or 4 wheel drive vehicles.

The only timber consists of a few scattered juniper on the mountain slopes. The undergrowth consists mainly of a medium growth of shadscale, sage and black brush.

The elevation varies from about 4800 to 6000 ft. above sea level. The soil is sandy clay on the bottom land and gravel and rocky on the mountain slopes.

No permanent water was noted during the survey.

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4-680 (Feb., 1960)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Virgil E. Spratt	Crew Chief (Transit)
William R. Savage	Notes
Morris E. Blackburn	Front Chainman
Elbert O. Jensen	Flagman
George D. Roundy	Cornerman
· · · · · · · · · · · · · · · · · · ·	
# 1 ¹	

16-53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I,Virgil E. Spratt	HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of which provided Supplemental Special Ins	the 25th day of August , 150 tructions 11th May , 190 he East Boundary of Township 13 South, Range
	of East and North Boundaries and a Portion
of the Subdivision of To	waship 13 South, Range 16 West.
of the Salt Lake Meridian, in the State	of Utah , which
represented in the foregoing field notes as having	; been executed by me and under my direction; and $\mathbb{C}_{\mathbb{R}^n}$
said survey has been made in strict conformity v	with said instructions, the Manual of Instructions for ${}^{\uparrow}$
Survey of the Public Lands of the United States	and in the specific manner described in the feature :
field notes.	
Salt Lake City, Utah	Virgil E. Spratt
April 11, 1961	Colotte Cologo
CERTIFICAT	TE OF APPROVAL
	BUREAU OF LAND MANAGEMENT,
	Washington, D. C., APR 1.7.1962, 19
	resurvey of the East Bdy. of . 13 .& survey of a Portion of the Subdivision of
T.13 S., R. 16 W., Salt Lake Meridia	an, Utah
executed by Virgil E. Spratt, Cadastral	Surveyor
having been critically examined and found corre	ect, are hereby approved.
	Cádast/al Baginteling Staff Officer. Chief, Division of Engineering
CERTIFICATI	E OF TRANSCRIPT
——In other their thomas judge, and jain it	en Nomber 1976 Baratore (1974) i 1997 i
, is a true copy of	the galactic for the control
	Gadastral Engineering Staff Officer.

4---679 (September 1948)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

DEPENDENT RESURVEY

OF THE

OF A PORTION OF	THE NORTH BOUNDARY
AND A PORTION OF	F THE SUBDIVISION
)F
TOWNSHIP 38 SOUT	TH, RANGE 2 WEST
•••••••••••••••••••••••••••••••••••••••	
Of the Salt	Lake Meridian,
the State of	
EXECU	TED BY
Woodrow H. Sylvesto	er, Cadastral Surveyor
	•
nder special instructions dated	September 16 , 19.59 , which provided
or the surveys included under Group No.	433 , approved October 1, 1959
nd assignment instructions dated	
-	·· , ····
Survey commenced	July 7 , 19.60
	July 26 , 19 60
Switting compressed	, 10

INDEX DIAGRAM

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GPG 8 6 6 1 11

Township 38 South, Range 2 West

Chains

a portion of

The boundaries and/the subdivision of T. 38 S., R. 2 W. were surveyed by Alfred B. Lewis, Deputy Surveyor, in 1897. The subdivisional survey was completed by D. A. Cannon and G. D. Voorhees in 1959.

The following field notes are all forms of the collowing field notes are all forms.

The following field notes are those of the dependent resurvey of a portion of the north boundary and a portion of the subdivision of T. 38 S., R. 2 W.

The resurvey was requested by the Utah Park Commission to identify the boundaries of a proposed state park, known as Kodachrome Flats.

The survey was executed with W. & L. E. Gurley solar transits, serial Nos. 541409 and 570628, both being the property of the Bureau of Land Management and constructed in accordance with their standard specifications. The horizontal plates have two double opposite verniers graduated to 30" of arc, and the vertical circles have one double vernier graduated to single minutes. The instruments were in good adjustment and prior to the beginning of the field work they were examined and the errors eliminated. They were maintained in good adjustment during the survey.

The directions of all lines were determined by stellar observations and by direct solar method, and the measurements were made with Lufkin steel tapes, 8 chains in length, graduated to one tenth link for the first 10 links, and each link for the next 90 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a one chain standard tape and found correct. All measurements made on the slope had the vertical angle of each interval ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field note record.

The transits were checked from time to time on a meridian which was established by the following direct solar observation July 11, 1960 at the cor. of Tps. 37 and 38 S., Rs. 2 and 3 W., latitude 37° 32' N. longitude 112° 06' W. I make a series of 6 altitude observations upon the sun for azimuth, 3 each with telescope in direct and reverse positions, and observe the horizontal angle from a peg driven firmly in the ground, 10 chains southerly, in a westerly direction from the sun.

Time of observations (105th Meridian Standard Time)

Mean observed vertical angle

Mean horizontal angle - clockwise

Declination of the sun

True bearing from set up to stake

105th Meridian

9h 25m A.M.

46 * 50'

187 * 15'

22 * 02' 53" N.

N. 89 * 57' E.

The geographic position of the southeast corner of section 10, which is the southeast corner of the portion of the township to be surveyed, is latitude 37° 31' 29" N., longitude 112° 02' 10" W.

The mean magnetic declination is 15° 30' E.

Dependent Resurvey of a Portion of the North Boundary, T. 38 S., R.2 W

Reestablishment of the survey executed by Alfred B. Lewis in 1897.

Beginning at the cor. of secs. 2, 3, 34 and 35 on the N. bdy. of the Tp., mkd. by a stone $24 \times 14 \times 8$ ins. firmly set, with 4 grooves on W. and 2 grooves on E. faces.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone to top, with brass cap mkd.

Dependent Resurvey, Portion of N. Bdy., T. 38 S., R. 2 W.

	l	1
	Chains	T375 R2W\
	3.7	534 S35
		T385
		from which
		A pine 10 ins. diam., bears N. 34° 30° E., 28 1ks. dist., mkd. T37S R2W S35 BT.
		A pine 12 ins. diam., bears S. 2° W., 41 lks. dist., mkd. T38S R2W S3 BT.
		Bury old cor. stone alongside iron post.
	<u>. 1</u>	S. 89 46 W., along N. bdy. of sec. 3.
		Over rolling hills, through thick pinon and juniper.
	3.91	Rim of deep canyon bears S. 10° E. and N. 10° W.; desc. steep W.sl
	9.00	Along steep S. slope.
	39,98	Point for & sec. cor. of secs. 3 and 34, inaccessible.
		Cont. along steep S. slope.
	50.50	Asc. steep E. slope.
	58.72	The witness corner mkd. by a sandstone, 14x8x6 ins., firmly set with witness cor. on N. side, located on rim of deep canyon, bears N. and S.
	* 9 ***	At the cor. point
	1	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone to top, with brass cap mkd.
		T37S R2W
		表 <u>\$34</u> WC
		1960
		the state of the s
	•	S. 89° 59' W., beginning new measurement.
l		Asc. E. slope.
	3.62	Top of ascent; desc. W. slope.
	21.09	The cor. of secs. 3, 4, 33 and 34, mkd. by a stone, 4x12x14 ins., firmly set, with 3 grooves on the E. and W. faces.
		At the cor. point 10 mm and 10 mm an
	• • • •	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a mound of stone to top, with brass cap mkd.
	•	T375 R2W S33 S34 S 4 S 3 T38S 1960
1	1	

Dependent Resurvey, Portion of N. Bdy., T. 38 S., R. 2 W.

Chains

45.78

56.00

from which

A pine 10 ins. diam., bears N. 29° W., 29 1ks. dist., mkd. T37S R2W S33 BT.

A cedar 20 ins. diam., bears N. 51° E., 64 lks. dist., mkd. T375 R2W S34 BT.

A pine 18 ins. diam. bears S. 68° W., 85 lks. dist., mkd. T38S R2W S4 BT.

Bury old cor. stone alongside iron post,

Land, hill tops on E. and W. end; rough and broken in central portion. Soil, rocks and gravel.

Vegetation, juniper, pinon and sagebrush.

S. 89° 58' W., along N. bdy. of sec. 4.

On rim which bears N. 10° W. and S. 10° E; desc. over rough broken ledges.

40.28 Point for \(\frac{1}{2} \) sec. cor. of secs. 4 and 33, inaccessible.

Bottom of canyon, dry wash, drains S. 10 W.; asc. E. slope.

Upper rim of canyon bears N. 10 $^{\circ}$ E. and S. 10 $^{\circ}$ W.; over low rolling hills.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T37S R2W 2 S33 S 4 WC 1960

from which

A cedar tree 20 ins. diam. bears N. 45° W., 70 lks. dist., mkd. T37N R2W S33 BT.

Bury old cor. stone alongside iron post.

S. 89° 58' W., beginning new measurement.

The cor. of secs. 4, 5, 32 and 33, mkd. by a cedar post firmly set, with 2 grooves on W. side and 4 grooves on E. side.

At the cor. point .

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

-678 b

person terms as, Bortion of N. 16g., T.38 S., R. 2 W.

Chains

T37S R2W <u>\$32 | \$33</u> **\$.5 | \$.4** T38S 1960

Bury old cedar post alongside iron post.

Land, E. & mile, rough broken canyons and ledges; W. & mile, low rolling hills.
Soil, E. & mile, ledges and loose rocks; W. & mile, sandy.

Vegetation, cedar and juniper on W. & mile.

S. 89° 55' W., along N. bdy. of sec. 5.

Over low rolling hills.

- 25.28 Old fence line, bears N. and S.
- 28.63 Asc. steep E. slope.
- 39.25 Top of slope, rim bears E. and W.
- 39.99 The ½ sec. cor. of secs. 5 and 32, mkd. by a limestone 3x10x12 ins., firmly set, with ½ grooved on N. face.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

T37S R2W \$\frac{\$532}{\$55}\$
\$\cdot 1960\$

Bury old cor. stone alongside iron post.

S. 89° 44' W., along N. bdy. of sec. 5.

Over nearly level land.

- 4.70 Rim bears N. and S.; desc. steep ledge, W. slope.
- 9.00 Bottom of small canyon, drains N.; asc. ledgy E. slope.
- 14.00 Top ledge, spur bears N.
- 15.30 W. edge of spur; desc. W. ledge.
- 20.00 Bottom of ledge, small canyon drains N.; asc. rough ledge on E.slope
- 39.05 Rim bears N. and S.; over hill top.
- The cor. of secs. 5, 6, 31 and 32, mkd. by a stone, 6x15x17 ins., firmly set in mound of stone, with 1 groove on W. face and 5 grooves on E. face.

At the cor. point

Dependent	Resurvey,	Portion	of N.	Bdy., T.	381.5. R	. 2 W.

	Dependent Resurvey, Portion of N. Bdy., T. 38 S., R. 2 W.
Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	T375 R2W. S31 S32 S 6 S 5 T38S 1960
	from which
	A cedar 14 ins. diam. bears N. 65° E., 72 1ks. dist., mkd. T37S R2W S32 BT.
	A pine 14 ins. diam. bears S. 61° E., 21 1ks. dist., mkd. T. 38 S., R. 2 W. S5 BT.
	A cedar 12 ins. diam. bears S. 40° W., 32 lks. dist., mkd. T38S R2W S6 BT.
• ••	Bury old cor. stone alongside iron post.
	Land, mostly rough rocky ledges. Soil, mostly ledges and loose rocks. Vegetation, cedar and pinon on E. and W. ends of mile; barren in central portion.
•	
	N. 89° 39' W. along N. bdy. of sec. 6.
	Desc. rough W. slope.
9.63	Bottom of hill; over nearly level land.
16.00	Paria Creek, banks are several chains on each side due to floods, drains W.
23.15	Old four strand barbed wire fence, bears N. and S.; enter cultivated land.
30.50	Irrigation ditch, 2 ft. deep, 8 lks. wide, drains S.
37.00	Four strand barbed wire fence, bears N. and S.
38.98	Point for the & sec. cor. of secs. 6 and 31, at proportionate dist.; there is no remaining evidence of the original cor.
	Cor. not monumented due to cultivated land.
41.13	Four strand barbed wire fence bears N. 20° W. and S. 20° E.
50.53	Four strand barbed wire fence, bears N. 20° W. and S. 20° E.
54.78	Dry wash, 8 ft. deep, and 30 lks. wide, drains S. 55° E.
56.97	Barbed wire fence, bears N. and S.
57.20	Graded road, bears S. and N. toward Cannonville.
58.00	Asc. E. slope of hill.
66.12	Top of hill; desc. W. slope.
72.00	Bottom of hill; over rolling hills.
76.33	The cor. of Tps. 37 and 38 S., Rs. 2 and 3 W., mkd. by a stone 8x10x12 ins., firmly set, with 6 grooves on all four sides.

Dependent Resurvey, Portion of N. Marit. 38.5. R. 2 W.

Chains

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

ب به دیگری داشتی

T378
R3 W R2W
S36 S 31
S 1 S 6
T38S
1960

Bury old cor. stone alongside iron post.

Land, hilly on E. and W. portions; cultivated on central portion. Soil, loam, gravel and rocks.

Vegetation, juniper, pinon, sagebrush and cultivated crops.

Dependent Resurvey of a Portion of the Subdivision of T. 38 S., R.2

Reestablishment of survey executed by Alfred B. Lewis, Deputy Surveyor, 1897.

From the cor. of secs. 10, 11, 14 and 15, hereinafter described.

N. 89° 53' W., bet. secs. 10 and 15.

- 1.70 Dry wash, 10 ft. deep, 30 lks. wide, drains S. 30° W.
- 9.30 Dry wash, 3 ft. deep, 15 lks. wide, drains S. 10° W.
- 21.09 Dry wash, 4 ft. deep, 10 lks. wide, drains S. 42° W.
- 31.39 Improved road into Kodachrome Flats, bears N. and S.
- 32.79 Drainage ditch drains S.
- The ½ sec. cor. of secs. 10 and 15, mkd. by a sandstone, 3x12x14 ins firmly set alongside a cedar post, with ½ grooved on the N. face.

At the cor. point .

2.90

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the proceed with brass cap mkd.

T38S R2W 3 S10 S15 1960

Bury old cor. stone alongside iron post.

S. 88° 52° W., beginning new measurements.

Dry wash, 13 ft. deep, 35 lks. wide, drains S. 40° W.

23.50 Dry wash, 12 ft. deep, 2.80 chs. wide, drains S. 10° W.

40.13 New four strand barbed wire fence, bears N. and S.

The cor. of secs. 9, 10, 15 and 16, mkd. by a stone, 6x15x16 ins., firmly set with 4 grooves on the S. and 3 on the E. face.

. . Dependent. Resurvey, Portion of Subdivision, T.38 S., R. 2 W.

,	bependent Resultvey, Fortion of Subdivision, 1.38 S., R. 2 W.		
Chains			
	At the cor. point		
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.		
	. 221		
c	\$16 \$15 . 1950		
	from which		
	A cedar 15 ins. diam., bears N. 11° E., 2.20 chs. dist., mkd. T38S R2W S10 BT.		
	Bury old cor. stone alongside iron post.		
	Land, nearly level. Soil, gravel and loam.		
	Vegetation, juniper, pinon and sagebrush.		
	N. 0° 04° E., bet. secs. 9 and 10.		
· · · · · · · · · · · · · · · · · · ·	Over rolling hills through juniper, pinon and sagebrush.		
33.69	Dry wash, 7 ft. deep, 15 lks. wide, drains S. 45° E.		
36.80	Asc. SE. slope.		
· ·	Top or will; Star. L. of to.		
40.21	Point for the & sec. cor. of secs. 9 and 10, at proportionate dist.; there is no remaining evidence of the original cor.		
(• -	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.		
	T38S R2W		
	.s 9 s10 1960		
52.62 63.00	Top of hill; desc. N. slope. Bottom of slope.		
66.70	Dry wash, 8 ft. deep, 30 lks. wide, drains S. 35° E.		
80.42	The cor. of secs. 3, 4, 9 and 10, mkd. by a gypsum stone, 4x12x16 ins., firmly set, the grooves had been eroded off, but bearing trees confirmed the location.		
÷ .	At the cor. point		
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.		
	. 6		
	$\frac{5}{8} \frac{4}{9} \frac{5}{19} \frac{3}{19} 3$		
v.A.∪©မွာ-⊒	education of the control of the cont		
ĺ			

4-673 b

Dependent Resurvey, Portion of Subdivision, T. 38 S., R. 2 W.

Chains

from which

A cedar 21 ins. diam., bears S. 75° W., 35 lks. dist., mkd. T38S R2W S9 BT.

A cedar 13 ins. diam., bears N. 8° W., 79 lks. dist., mkd. T38S R2W S4 BT.

A cedar 8 ins. diam., bears N. 36 $^{\circ}$ W., 110 lks. dist., mkd. T38S R2W S4 BT.

Bury old cor. stone alongside iron post.

Land, rolling hills.

Soil, rocks, gravel and loam.

Vegetation, juniper, pinon and sagebrush.

From the cor. of secs. 10, 11, 14 and 15, mkd. by a stone, 6x10x12 ins., firmly set with 2 grooves on E. face and 4 grooves on S. face.

٠.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the with brass cap mkd.

T38S R2W <u>\$10|\$11</u> \$15|\$14 1960

from which

A cedar 18 ins. diam., bears N. 20 E., 39 lks. dist., mkd. T38S R2W S11 BT.

A cedar 10 ins. diam., bears N. 85 W., 94 lks., dist., mkd. T38S R2W S10 BT.

A pine 17 ins. diam., bears S. 49° W., 31 lks. dist., mkd. T38S R2W S15 BT.

A pine 8 ins. diam., bears S. 40° E., 32 lks. dist., mkd. T38S R2W S14 BT.

¢ -

Bury old cor. stone alongside iron post.

N. 0° 09' E., bet. secs. 10 and 11.

Over gypsum hills.

- Dry wash, 10 ft. deep, 30 lks. wide, drains N. 65° W.; asc. steep S. slope.
- 4.73 Top of hill, bears E. and W.; desc. N. slope.
- 9.72 Dry wash, 5 ft. deep, 25 lks. wide, drains S. 65° E.
- 31.85 Dry wash, 2 ft. deep, 10 lks. wide, drains S. 80° W.
- 39.74 The k sec. cor. of secs. 10 and 11; relocated from two old bearing trees; original stone missing.

•	Dependent Resurvey, Portion of Subdivision, T. 38 S., R. 2 W.
Chains	
	At the cor. point. Care Control of the control of t
•	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
L	
	\$10 \$111960
. 1	from which
	An old bearing tree, 11 ins. diam., bears N. 79° E., 119 lks. dist., mkd. & S BT.
	An old bearing tree 13 ins. diam., bears S. 30° W., 82 lks. dist., mkd. ½ S BT.
	N. 0° 06' W., beginning new measurement.
8.09	Dry wash, 10 ft. deep, 15 lks. wide, drains S. 10° W.
18.09	Unimproved road, bears N. 50° W. and S. 50° E.
35.86	The original witness cor. of secs. 2, 3, 10 and 11, mkd. by a stone, 18x30x36 ins., firmly set, with 5 grooves on S. edge. and 2 grooves on E. edge.
	At the cor. point
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R2W W.C
	<u>s 3 s 2</u> s10 s11
	1960
	from which
	A cedar 10 ins. diam., bears S. 70° W., 60 lks. dist., mkd. T38S R2W S10 BT.
	Place old cor. stone alongside iron post.
36.46	Dry wash, 4 ft. deep, 20 lks. wide, drains S. 80° W.; asc. almost vertical ledge.
36.70	Top of ascent; thence across rocky spur, bears W.
39.94	True cor. point of secs. 2, 3, 10 and 11 - inaccessible.
	Land, rolling hills, except N. 4 chs. which are ledges. Soil, rocks, gravel and loam. Vegetation, juniper, pinon, sagebrush and bunch grass.
	N. 89° 47' W., bet. secs. 3 and 10.
	Over rough ledges.
24.40	Desc. almost vertical ledges.
25.40	Bottom of descent; over rolling hills.

69.90

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Dependent if the rest Portion of Subdivision, T. 38 S. R. 2 W.
 Chains
       Improved Kodachrome Flats road, bears N. 15° W. and S. 15° E.
30.80
       Large dry wash, 20.ft. deep, 115.1ks. wide, drains S. 15° E.
39.05...
       The & cor. of secs. 3 and 10, mkd. by a stone, 6x12x20 ins., firmly
39.90
       set, with & grooved on N. face.
       At the cor. point
       Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground
       with brass cap mkd.
                            \frac{s}{2} \frac{s}{s10}.
                             ...... ... 1960 ....... ... ... ... ... ...
       Bury old cor. stone, alongside iron post.
                                   S. 89° 56' W., beginning new measurement.
       Top of small spur, bears S. 20° E.
14.94
       Old road, bears N. 40° W. and S. 40° E.
16.73
36.33
       Dry wash, 3 ft. deep, 20 lks. wide, drains S.
40.03
       The cor. of secs. 3, 4, 9 and 10.
       Land, ledges E. 20 chs., remainder rolling hills.
       Soil, ledges, rocks, gravel, and loam.
       Vegetation, juniper, pinon and sagebrush.
       From the cor. of secs. 2, 3, 10 and 11.
       N. 1 06 E., bet. secs. 2 and 3.
       Over rough ledges.
15.30 Desc. rough N. slope.
20.00
       Bottom of rough canyon, drains W.; asc. rough SW. slope.
                            40.25
       Point for the & sec. cor. of secs. 2 and 3, at proportionate dist.
       Note: This position cannot be used and there are no other points
       available for a considerable dist. N. or S., therefore it is offset
       9.16 chs. W.
                          the first and a second of the second of the
       At the offset point
                         المناه في المنطق المناه في المناه المناه المناه
       Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground
       with brass cap-mkd.
                                       S 3 S 2 WC
                                     1960
       Along a rough W. slope.
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Rim of canyon bears S. 45° E. and N. 45° W.; over top of hill.

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•	Dependent Resurvey, Portion of Subdivision, T. 38 S., R. 2 W.
Chains	
80.60	The cor. of secs2, 3, 34 and 35 on N. bdyof Tp.
	Land, rough and broken. Soil, ledges and rocky. Vegetation, scattered juniper and pinon on N. 10 chs.
	From the cor. of secs. 3, 4, 9 and 10.
	N. 0° 59' E., bet. secs. 3. and. 4.
	Over rolling hills, through scattered cedars and pinon.
14.20.	Dry wash, 8 ft. deep, 15 lks. wide, drains S. 60° E.
20.86	01d road, bears N. 40° E. and S. 40° W.
40.22	The k sec. cor., mkd. by a sandstone, 6x10x12 ins., firmly set, with k mkd. on W. face.
11	At the cor. point
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	s 4 s 3 1960
	from which
(•-	A cedar 11 ins. diam., bears N. 21° E., 68 lks. dist., mkd. & S. BT.
į.	A pinon 16 ins. diam., bears N. 61° W., 62 lks. dist., mkd. ½ S BT.
·	Bury old cor. stone alongside iron post.
	N. 1° 01' E., beginning new measurement.
	Cont. over rolling hills.
10.20	Asc. steep, rough S. slope.
18.65	Top of ascent, narrow spur bears W.; desc. rough N. slope.
35.07	Bottom of small canyon, drains W.; asc. steep S. slope.
38.07	Rim of canyon bears E. and N. 10° W.; thence over hill top.
40.07	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.
	Land, rolling hills on S. ½ mile, steep rough hills N. ½ mile. Soil, rocky. Vegetation, cedar and pinon.

T. 38 S. R. 2 W.

Chains

--

From the cor. of secs. 9, 10, 15 and 16.

N. 89° 07' W., bet. secs. 9 and 16.

Over rolling hills, through scattered juniper, pinon and sagebrush.

- 3.03 Dry wash, 3 ft. deep, 10 lks. wide, drains S. 15° E.
- 5.30 Dry wash, 4 ft. deep, 22 lks. wide, drains S. 15° K.
- 12.28 S. side of bare knob; desc. SW. slope.
- 22.35 Dry wash, 7 ft. deep, 25 lks. wide, drains S. 15° W.
- 30.45 Four strand barbed wire fence, bears N. 15° W. and S. 15° E.
- The \(\) sec. cor. of secs. 9 and 16, mkd. by a sandstone, 6x8x12 ins. firmly set, with \(\) grooved on N. face.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the provide with brass cap mkd.

T38S R2W \$\frac{\sigma}{\sigma \frac{\sigma}{\sigma \frac{1}{1960}}}\$

from which

4.50

A cedar 10 ins. diam., bears N. 78° E., 105 lks. dist., mkd. k S BT.

A cedar 11 ins. diam., bears S. 26° E., 87 lks. dist., mkd. ½ BT.

Bury old cor. stone alongside iron post.

S. 89° 45' W., beginning new measurement.

- Edge of ridge, bears N. and S.; desc. gradual W. slope.
- 38.00 Dry wash, 7 ft. deep, 80 lks. wide, drains S. 20° E.
- The cor. of secs. 8, 9, 16 and 17, mkd. by a small pile of stones, with old cedar post lying alongside.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the post with brass cap mkd.

T38S R2W <u>S 8 | S 9</u> S17 | S16 1960

Land, rolling hills.
Soil, gravel and loam.
Vegetation, juniper, pinon and sagebrush.

Dependent Resurvey, Portion of Subdivision, T. 38 S., R. 2 W.

Chains

The & cor. of secs. 16 and 17 is mkd. by a sandstone, 5x10x14 ins., firmly set with & grooved on W. face.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone to top, with brass cap mkd.

T38S R2W

S17 S16

from which

A cedar tree 11 ins. diam., bears S, 21° E., 130 lks. dist., mkd. & S BT.

A cedar 13 ins. diam., bears S. 65° W., 70 lks. dist., mkd. ½ S BT.

Bury old cor, stone alongside iron post.

N. 0° 27' E., bet. secs. 16 and 17.

Over rolling hills, through scattered pinon, juniper and sagebrush.

Main access road into this country, bears S. 85° E., and N. 60° W.

The cor. of secs. 8, 9, 16 and 17.

from which

33.58

39.64

The cor. of secs. 7, 8, 17 and 18, bears N. 89° 26' W., 80.19 chs. dist., mkd. by a limestone, 8x10x15 ins., firmly set, with 5 grooves on E. face and 4 grooves on S. face.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T38S R2W S 7 S 8 S18 S17 1960

Bury old cor. stone alongside iron post.

Land, rolling hills. Soil, gravel and loam.

Vegetation, scattered pinon, juniper and sagebrush.

From the cor. of secs. 8, 9, 16 and 17.

N. 0° 26' W., bet. secs. 8 and 9.

Over rolling hills.

10.12 Four strand barbed wire fence, bears N. 71° 45' E. and S. 71° 45' W.

38.62 | Old road, bears N. 70° E. and S. 70° W.

39.37 The k sec. cor. of secs. 8 and 9, mkd. by a sandstone, 6x8x12 ins. firmly set, markings eroded off.

At the cor. point

Resurvey Portion of Subdivision T. 38 S. R. 2 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the with brass cap mkd.

from which,

A cedar 13 ins. diam., bears S. 87° E., 87 lks. dist., mkd. ½ S BT.

A cedar 15 ins. diam., bears N. 7° W., 36 lks. dist., mkd. & S BT.

Bury old cor. stone alongside iron post.

N. 200 14' E.; beginning new measurement:

33.42 Spur, bears S. 45° E.

36.90 Dry wash, 5 ft. deep, drains S. 45 K.

40.34 The cor. of secs. 4, 5, 8 and 9, mkd. by a sandstone, 3x8x10 ins., firmly set, with original marks eroded off, but bearing trees

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the with brass cap mkd.

too cap maa.

T38S R2W S 5 S 4 S 8 S 9 1960

from which

A cedar 12 ins. diam., bears N. 52° E., 44 1ks. dist., mkd. T38S R2W S4 BT.

A cedar 11 ins. diam., bears S. 24° E., 43 1ks. dist., mkd. T38S R2W S9 BT.

A cedar 20 ins. diam., bears N. 77* W., 24 lks. dist., mkd. T38S R2W S5 BT.

كالمتدائي والمعالم المتاسية والمسادية

Secretary of the same of the same

Bury old cor. stone alongside iron post.

Land, rolling hills.

Soil, gravel and loam.

Vegetation, pinon, juniper and sagebrush.

From the cor. of secs. 3, 4, 9 and 10.

N. 89° 52', W., bet. secs. 4 and 9.

Over rolling hills.

17.83 Four strand barbed wire fence, bears N. and S.

Dry wash, 6 ft. deep, 15 lks. wide, drains S. 15° E.

30.00

	Dependent Resurvey, Portion of Subdivision, T. 38 S., R. 2 W.
Chains	
31.30	Top of small knoll.
39.90	The ½ sec. cor. of secs. 4 and 9, mkd. by a 12x12x4 ins. stone, firmly set, with ½ grooved on N. face.
	At the cor. point
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R2W
	$\frac{1}{4} \frac{S}{S} \frac{4}{9}$
	1960
1000	Control of the contro
	from which the season is the season of the s
i	A cedar 18 ins. diam., bears S. 10 W., 36 lks. dist., mkd. & S BT.
1	The Grand Art of the Art and a control of the Contr
	A cedar 10 ins. diam., bears N. 22° W., 80 lks. dist., mkd. & S BT.
	Bury old cor. stone alongside iron post.
	S. 89 35 W., beginning new measurement.
21.20	Dry channel 2.30 chs. wide, 12 ft. deep, drains S.
29.00	Dry wash, 20 1ks. wide, 9 ft. deep, drains S. 50° E.; asc. 60 ft. over E. slope.
35.95	Ridge bears S.; desc. 60 ft. over W. slope.
39.70	Bottom of slope.
39.89	The cor. of secs. 4, 5, 8 and 9.
	Land, rolling hills. Soil, gravel and sand. Vegetation, juniper, pinon and sagebrush.
	N. 0° 42 * E., bet. secs. 4 and 5.
	Asc. 100 ft. over broken hills.
11.65	Ridge, bears E.; desc. 70 ft. over gradual N. slope.
40.00	Dry wash, 12 1ks. wide, 4 ft. deep, drains S. 30° E.
40.11	Point for ½ sec. cor. of secs. 4 and 5, at proportionate dist.; there is no remaining evidence of the original cor.
İ	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T38S R2W
	\$ 5 S 4 1960
	Over rolling hills.

-672 h

Dependent Resurvey, Portion of Subdivision, T. 38 S., R. 2 W.

الألال بالشبيد للكالبية

Chains 50.00

Asc. 150 ft. over rough ledges.

61.01

Top of ascent; over nearly level tableland,

80.46

The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp.

Land, S. 60 chs., rough, broken hills; N. 20 chs., nearly level. Soil, gravel, rocks and sand.

tation, juniper, pinon, sagebrush and scattered bunch grass.

General Description

The area dependently resurveyed is known as the Kodachrome Flats is located several miles south of the town of Henrieville. The portion of this area is a high narrow strip of tableland, extending east and west, with its north and south rim breaking into almost vertical deep ledges to the flats below. The elevation above sea level is approximately 7,000 feet on the upper country and 6,500 on the lower country. The general drainage of the area is souther.

The soil is fine sand, loam and sandstone, the vegetation being juniper, pinon, sagebrush and bunch grass.

A main dirt road comes in southwesterly from Cannonville extending in an easterly direction about a quarter of a mile south of the suboundary of the area. From this road, a road branches north the center of the area and extends to ledges which are a scenic side

These four sections enclose the area known as the Kodachrome Flats, which will be a state park.

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والمأامل للتلميقي المتعليدية

B. C. COVER-SHEET PRINTING OFFICE 16-24400-1



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY		
William R. Savage	Rear chain - notes		
Leonard W. Murphy	Head chainman		
Elbert O. Jensen	Cornerman		
Norman R. Workman	Axeman		
Ashley D. Allen	Flagman		

CERTIFICATE OF CADASTRAL ENGINEER

•	Woodrow H. Sylvester				
pursuance of special instr	ructions bearing date of the	16th	_ day of	Sept ember	1
I have successed depend	ently resurveyed a	lon of the	e north	boundary and a	t _ 6.g. 1} 1 .
of the subdivision o	f T. 38 S., R. 2 W.				
				•••••	
of the Salt Lake	Meridian, in the State of		Utah		, which
	ing field notes as having been				
_	le in strict conformity with sa			,	
	ds of the United States, and				
	ids of the Officed States, and	in the spec	IIIC IIIAIII	let described in a	46 • 2. 14 ,•
field notes. Salt Lake City, Utah		Hond	Jan 2 8	F. M. Anni	
				H. Sylvester ral Surveyor	
February 23, 1961			Cadast	rai Surveyor	
	CERTIFICATE O	F APPRO	/AL		
		Bureau of	LAND M	ANAGEMENT,	
		Washing to	n, D. C.,	APR 1 6 1962	, 19
The foregoing field n	otes of the successful dependent	ent resur	vey of	a portion of th	ne north
boundary and a porti	on of the subdivision of	T. 38 S	:: T.; 2	The section of the	
Meridian, Utah			·		
executed by Woodro	w H. Sylvester, Cadastra	1 Survey	or		
having been critically ex	amined and found correct, ar	e hereby ap	proved.		
		(~	7 ·	1
en en en en en en en en en en en en en e					<i>m</i>
			iiei, Di	lvision of Engi	neering
	CERTIFICATE OF	TDANCE	DIDT		
	CERTIFICATE OF	IRANSC	KIP I	•	
34 445744 % .*	44, 48, 11, 20, 24, 34, 47, 5, 75, 1	la la cit	i of Hold	e de la deservação	11.
	, is a true copy of the or	iginal 🚉 🗆	L 5-3.		
		•••••	77.2.6		

4—679 (September 1948)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

SURVEY

	OF A PORTION OF	THE SUBDIVISI	ON	
***************************************	. O	F		
	TOWNSHIP 38 SOU	TH, RANGE 1 EA	ST	

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	·			
				······································
 Of the	Salt	Lake	Meridian,	
n the State of	Utah			
	EXECU	TED BY		
Wood	row H. Sylvester	, Cadastral Su	rveyor	·
nder special instructions	a dated	September 16	1959 whi	ah provided
or the surveys included u				•
nd assignment instruction				·····
was grenoord one or wood			, 10.99	
Survey comn	renced	August 4	, 1960	
Survey comp	leted	August 4	, 1960	

INDEX DIAGRAM

Townsh	<i>ip</i> 38 Sou	th	, Range	1 East	
•	5	4	8	9	1
7	8	9	10	11	12
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19	20	21	22	23	94
30 1	29	28	97	26	25
81	32	88	84	35	86

GPQ 86611

er as been Tille 38 South, who per 1 . Rest .

Chains

The west boundary of the township was surveyed by Andrew Nelson in 1918. The south and east boundaries and a portion of the subdivisional lines of T. 38 S., R. 1 E. were surveyed by Fred R. Chappell in 1956. The north boundary was surveyed by George Rigby and E. S. C. Smith in 1922 and partially retraced by Fred R. Chappell in 1956.

The following field notes are those of a survey of a portion of the subdivisional lines of T. 38 S., R. 1.E.

Refer to introductory statements of T. 39 S., R. 1 E. for more details--both townships were under the same group number and were surveyed by the same crew in consecutive order.

The geographic position of the southeast corner of section 31 is latitude 37° 27' 23" N., longitude 111° 49' 58" W. as determined through a section line tie to the southeast corner of the township.

The mean magnetic declination is 15° 30' E.

Survey of a Portion of the Subdivision of T. 38 S., R. 1 E.

Beginning at the cor. of secs. 29, 30, 31 and 32, which is monumented with a 2½ in. iron post, firmly set, mkd. and witnessed as described in the official record.

West, bet. secs. 30 and 31.

Over rolling hills through thick juniper and pinon.

- 13.50 Desc. 70 ft. over W. slope.
- 22.00 Dry wash, drains S. 45° E.; asc. 80 ft. over E. slope.
- 31.10 Top of slope.
- 33.85 Intersect Salt Lake Heridian.

Point for the closing cor. of secs. 30 and 31.

Set an iron post, 30 ins. long, 25 ins. diam., 6 ins. in the ground and in a mound of stone to top, with brass cap mkd.

T38S S30 S31 R1E 1960

Raise a mound of stone to W.

From point of intersection the & cor. of sec. 25, T. 38 S., R. 1 W. on Salt Lake Meridian, monumented by an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, bears S.2.08 chs.

Land, rolling hills. Soil, sand and gravel.

Vegetation, thick juniper and pinon.

At midpoint on the W. bdy. of sec. 31 point for the & sec. cor.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey, Portion of Subdivision, T. 32 S., R. 1 E.

From the above cor. point the cor. of secs. 25 and 36, on the E. bdy. of T. 38 S., R. 1 W., bears S. 2.12 chs., monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

General Description

This portion of T. 38 S., R. 1 E. only encloses section 31. It is located approximately two miles south and ten miles east of Henrieville.

The terrain is rolling hills covered with thick juniper, pinon and sagebrush. The elevation is approximately 6,000 feet above sea level. The general drainage is southwesterly. The soil is sand gravel and bedrock.

The basic use for this area will be as a Utah State Park.

•

4-690 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

 $\mathcal{M}_{\mathcal{A}}$, which is T = 1.2 . Then

	· · · · · · · · · · · · · · · · · · ·		
NAMES	CAPACITY		
Woodrow H. Sylvester	Chief of Party		
William R. Savage	Rear Chainman - notes		
Leonard W. Murphy	Head chainman		
Elbert O. Jensen	Cornerman		
Norman R. Workman	Axeman		
Ashley D. Allen	Flagman		
	-		
	-		
	-		
······			
	r e		

16-58565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Woodrow H. Sylvester	HEREBY CERTIFY upon honor that,
pursuance of special instructions bearing date of the	16th day of September ,1
I have surveyed a portion of the subdivision	
of the Salt Lake Meridian, in the State of	
represented in the foregoing field notes as having bee	
said survey has been made in strict conformity with	said instructions, the Manual of Instructions for
Survey of the Public Lands of the United States, and	I in the specific manner described in the forms
field notes.	
Salt Lake City, Utah	Hooard & Lynaster
February 17, 1961	Woodrow H. Sylvester, Cadastral
CERTIFICATE (OF APPROVAL
	BUREAU OF LAND MANAGEMENT,
	Washington, D. C.,APR 1 6 1962, 19
The foregoing field notes of the survey ofa_po	rtion of the subdivision of T. 38 S.,
R. l E., Salt Lake Meridian, Utah	
executed by Woodrow H. Sylvester, Ca	dastral Surveyor
having been critically examined and found correct,	are hereby approved.
-	C. Lumiston
	Thief, Division of Engineeria
	E TOANGODIET
CERTIFICATE O	FTRANSCRIPT
	eld notes of the above-described surveys in
, is a true copy of the	original Folderity.
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4-679 (September 1948)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

SURVEY			
	OF A PORTION OF	THE SUBDIVISION	ON .
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	TOWNSHIP 39 SOU	TH. RANGE 1 EAS	T.
	·		
	· 	*********	
***************************************	*		
Of the	Salt La	ke	Meridian,
·			,
n the State of	Utah	•	
	EXECU	TED BY	
Wo	oodrow H. Sylveste	r, Cadastral Su	rveyor
	·		·
77		0	
/nder special instruction	ns dated	September 16	, 1959, which provided
or the surveys included	under Group No.	433 , a	pproved October 1, 1959
nd assignment instruct	iono detad	Inly 1	10.60
ma assignment instruct	ions aatea	July 1	, 19
Ѕилиен сот	menced	July 27	19 60
Survey com	pleted	August 3	, 19_60_

INDEX DIAGRAM

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80	20	28	27	26	25
81	89	88	84	85	86

GPG 86611

Township 39 South, Range 1 East

Chains

The west boundary of the township was surveyed by Robert C. Yundt in 1948. The south, east and north boundaries and a portion of the subdivision of T. 39 S., R. 1 E. were surveyed by Fred R. Chappell in 1956.

The following field notes are those of a survey of a portion of the subdivision of T. 39 S., R. 1 E.

The survey was requested by the Utah State Park Commission to identify the boundaries of a proposed park known as Grosvenor Arch.

The survey was executed with W. & L. E. Gurley transits, serial No. 541409 and 570628, both being the property of the Bureau of Land Management and constructed in accordance with their standard specifications. The horizontal plates have two double opposite verniers graduated to 30" of arc, and the vertical circles have one double vernier graduated to single minutes. The instruments were in good adjustment and prior to the beginning of the field work they were examined and the errors eliminated. They were maintained in good adjustment during the survey.

The directions of all lines were determined by stellar observations and by direct solar method, and the measurements were made with Lufkin steel tapes, 8 chains in length graduated to one tenth link for the first 10 links, and each link for the next 90 links, and thereafter at intervals of 10 links. The tapes were tested by comparison with a one chain standard tape and found correct. All measurements made on the slope had the vertical angle of each interval ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field note record.

The geographic position of the southeast corner of section 8, which is the southeast corner of the portion of the township to be surveyed is latitude 37° 25' 38" N., longitude 111° 48' 52" W., as determined through a section line tie to the southeast corner of the township.

The mean magnetic declination is 15° 30' E.

Survey of a Portion of the Subdivision of T. 39 S., R. 1 E.

Beginning at the cor. of secs. 8, 9, 16 and 17, which is monumented with a $2\frac{1}{2}$ in. iron post firmly set, mkd. and witnessed as described in the official record.

N. 0° 03' W., bet. secs. 8 and 9.

Over rolling hills and small ledges.

- Dry wash, 60 lks. E. from line, drains S. 15° E. Bladed dirt road, 60 lks. E. from line, bears S. 15° E. and N. 15° W.
- 7.50 Dry wash, drains S. 20° E.
- 7.78 Bladed road, bears N. 20° W. and S. 20° E.; thence asc. 80 ft. over steep SW. slope.
- 14.97 Top of ascent, thence over gradual S. slope.

Chains

Survey Portion of Subdivision T. 39 S. R. 1 E.

19.47 Barbed wire fence, bears E. and W.

40.00 Point for the & sec. cor. of secs. 8 and 9.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

T39S R1E S 8 S 9 1960

from which

A pinon 12 ins. diam., bears N. 77° W., 46 lks. dist., mkd. & S8 BT.

A pinon 13 ins. diam., bears N. 84 $^{\circ}$ 30 $^{\circ}$ E., 47 lks. dist., mkd. $\frac{1}{2}$ S9 BT.

46.27 Bladed dirt road, bears S. 65° W. and N. 65° E.

63.85 Bladed dirt road, bears N. 40° W. and S. 40° E.

72.84 Main access road from Cannonville to grazing area, bears E. and W.

80.00 Point for the cor. of secs. 4, 5, 8 and 9.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone to top, with brass cap mkd.

T39S R1E S 5 S 4 S 8 S 9 1960

from which

A pinon 6 ins. diam., bears N. 44° E., 36 lks. dist., mkd. T39S R1E S4 BT.

A pinon 20 ins. diam., bears N. 89° 15' W., 129 lks. dist., mkd. T39S R1E S5 BT.

Land, rolling hills and small ledges.
Soil, gravel and rocks.
Vegetation, pinon, juniper, brush and bunch grass.

From the cor. of secs. 3, 4, 9 and 10.

S. 89° 56' W., bet. secs. 4 and 9.

Over gradual E. slope, through pinon and juniper.

20.43 Dry wash, 30 1ks. wide, 4 ft. deep, drains S. 80° E.

26.24 Asc. NE. slope.

40.02 Point for the \(\frac{1}{2} \) sec. cor. of secs. 4 and 9.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on bedrock and in a mound of stone to top, with brass cap mkd.

Survey, Partion of Subdivision, T. 39 S., R. 1 E.

	Chains	
	,	T398, RLE
		9 //
		1960
	40.10	Top of hill, thence desc. W. slope.
	53.36	Dry wash, 15 lks. wide, 4 ft. deep, drains S. 15° E.; asc. NE. slope.
	80.04	The cor. of secs. 4, 5, 8 and 9.
	e see see	Land, rolling hills on E. slope. Soil, gravel and rocks. Vegetation, pinon, juniper, brush and bunch grass.
		N. 0° 01' E., bet. secs. 4 and 5.
		Over rough broken sandstone ledge, through scattered pinon and juniper.
	40.00	Point for the k sec. cor. of secs. 4 and 5.
		Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone to top, with brass cap mkd.
		T39S R1E
		s 5 s 4 1960
	·	from which
		A pinon 8 ins. diam., bears N. 23° 30° E., 34 lks. dist., mkd. ½ S4 BT
		A pinon 7 ins. diam., bears N. 70° W., 28 lks. dist., mkd. & S4 BT
	41.63	Desc. 150 ft. over rough sandstone ledges.
	57.00	Bottom of descent, canyon drains E.; asc. 160 ft. over rough broken sandstone ledges.
	81.08	The cor. of secs. 4, 5, 32 and 33, Tps. 38 and 39 S., R. 1 E., which is a brass cap, set in bedrock, mkd. and witnessed as described in the official record.
		Land, over rough broken ledges.
		Soil, rocks and ledges. Vegetation, scattered pinon and juniper.
		• * * * * * * * * * * * * * * * * * * *
		From the cor. of secs. 4, 5, 8 and 9.
		S. 89° 54° W., bet. secs. 5 and 8.
		Asc. rough E. slope, through scattered pinon and juniper.
	11.25	Dry wash, 15 1ks. wide, 2 ft. deep, drains S. 10° E.; asc. rough broken sandstone ledges.
	23.79	Top of ascent, ridge bears N. and S.; desc. 140 ft. over steep W. slope.
_	28.83	Improved dirt road, from Cannonville to grazing area, bears S. 10° E. and N. 10° W.; cont. steep descent.

4-878 b

	·		
	Portion of Subdivision T. 39 St. R. 1 E.		
Chains			
38.03	Dry wash, 30 lks. wide, 10 ft. deep, drains N. 10° W. and S. 10° E.		
40.00	Point for the & sec. cor. of secs. 5 and 8.		
	Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground and in a mound of stone to top, with brass cap mkd.		
	T398 R1E		
	$\frac{1}{3} \frac{1}{3}		Asc. 350 ft. over rough E. slope.
50.31	Top of steep ascent, thence over rolling hill top, through thick cedars and juniper.		
74.97	Dry wash, 15 lks. wide, 2 ft. deep, drains S. 45° W.		
80.00	Point for the cor. of secs. 5, 6, 7 and 8.		
	Set an iron post, 30 ins. long, 2½ ins. diam., 5 ins. in the ground and in a mound of stone to top, with brass cap mkd.		
	T398 R1E S 6 S - 5 S 7 S 8 1960		
	from which		
	A cedar 10 ins. diam., bears S. 89° 15° E., 5 lks. dist., mkd. T39S R1E S8 BT		
	A cedar 14 ins. diam., bears N. 5° E., 20 lks. dist., mkd. T39S R1E S5 BT		
	Land, rough mountains and canyon known as Cock's Comb.		
	Soil, rocks and ledges.		
	Vegetation, juniper, pinon and sagebrush.		
	N. 0° 03' W., bet. secs. 5 and 6.		
	Over broken land, through sagebrush, pinon and juniper.		
8.05	Dry wash, 15 lks. wide, 5 ft. deep, drains S. 40 W.; thence asc. ft. on steep S. slope.		
18.00	Top of hill; desc. NW. slope.		
26.50	Foot of hill; over rolling hills.		
40.00	Point for the 1/2 sec. cor. of secs. 5 and 6.		
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone to top, with brass cap mkd.		
	. In this is the second of the second of \mathbf{S} . So \mathbf{S}		
	المان المان		
l l			

from which

A cedar 14 ins. diam., bears S. 68° W., 39 lks. dist., mkd. ½ S6 BT

Survey, Portion of Subdivision, T. 39 S., R. 1 E.

20.1ks wide, 5 ft. deep, drains S. 15%W. 59.26

Chains

25.97

Dry wash, 35 1ks. wide, 9 ft. deep, drains S. 15° W.

Main access road from Cannonville to range country, bears E. and W. 68.56

81.35 The cor. of secs. 5, 6, 31 and 32, Tps. 38 and 39 S., R. 1 E., mkd.

and witnessed as described in the official record, from which

ishistor .s The Grosvenor Arch bears S. 86° 17' E., 7.70 chs. dist.

Land, rolling and broken.

Soil, sandy loam. Vegetation, sagebrush, juniper and pinon.

From the cor. of secs. 5, 6, 7 and 8. 8. 89° 54' W., bet. secs. 6 and 7.

Over rolling hills, through thick juniper and pinon.

Leave dense timber, enter thick sagebrush.

34.01 Intersect Salt Lake Meridian.

Point for the closing cor. of secs. 6 and 7.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

R39S

R1E 1960

Raise a mound of stone to W.

From point of intersection the cor. of secs. 1, 6, 7 and 12 on Salt Lake Meridian, mkd. and witnessed as described in the official record bears S., 27 lks., remarked

T39S R1W S12 1948 1960

It now functions as secs. 1 and 12 only.

Land, rolling hills. Soil, sand and gravel.

Vegetation, thick juniper, pinon and sagebrush.

The point for the 1 sec. cor. of sec. 6 on the W. bdy. of the Tp. (Salt Lake Meridian) at 40.00 chs. northing from the closing cor. of secs. 6 and 7.

At the cor. point

-678 b

Survey, Portion of Subdivision, T. 39 S., R. 1 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T398 R1E \$ \$ 6 1631.2

From the above cor. point the cor. of Tps. 38 and 39 S., R. 1 W., monumented by an iron post, 3 ins. diam., as described in the officiarecord, bears S. 0.85 chs. dist.

General Description

This area, which is located approximately three miles south and ten miles east of Henrieville, encloses Grosvenor Arch and part of the Cock's Comb. The portion of land east of the west boundary of section 6 has large rolling hills on a southeast slope; the western portion has rough steep hills and canyons. The elevation above sea level varies from approximately 5,200 feet in the canyons to 6,000 feet on the hill tops. The general drainage is southerly.

The soil is sand, gravel, rocks and bedrock, vegetation being joinon, sagebrush and bunch grass.

A main dirt access road comes in from Cannonville, entering near the northwest corner of section 6 and leaving near the west quarter corner of section 9. A branch forks off at a point approximately ten chains south of the northwest corner of section 9 and winds southerly, leaving section 9 at a point three chains east of the southwest corner of section 9.

The basic use of this area will be as a Utah State Park.

Sairy in the Albert

4-680 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY		
Woodrow H. Sylvester	Chief of Party		
William R. Savage	Rear chain - notes		
Leonard W. Murphy	Head chainman		
Elbert O. Jensen	Cornerman		
Norman R. Workman	Axeman		
David J. Cummings	Flagman		
C			

10-58565-2

CERTIFICATE OF CADASTRAL ENGINEER

I. Woodrow H. Sylve	ster HERRSY CERTIFY upon honor that,
pursuance of special instructions bearing	ng date of the 16th day of September in
I have surveyed a portion of the	subdivision of T. 39 S., R. 1 E.
	n the State of, which
represented in the foregoing field notes	as having been executed by me and under my direction; and $\bar{\tau}$
said survey has been made in strict cor	nformity with said instructions, the Manual of Instructions for
Survey of the Public Lands of the Unit	ted States, and in the specific manner described in the $49\% e_{\rm s} x$
field notes.	
Salt Lake City, Utah	Land of the State
February 16, 1961	Woodrow H. Sylvester Cadastral Surveyor
	alanno allando e e e e e e e e e e e e e e e e e e e
CEF	RTIFICATE OF APPROVAL
	Bureau of Land Management,
	Washington, D. C., APR 1 6 1962 , 19
The foregoing field notes of the sur	vey of a portion of the subdivision of T. 39 S.
R. 1 E., Salt Lake Meridian, Ut	<u>ah</u>
executed by Woodrow H. S	ylvester, Cadastral Surveyor
having been critically examined and for	ound correct, are hereby approved.
	CEX +
	meer, printed or millioning
CER	TIFICATE OF TRANSCRIPT
The comment of the first program of	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
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4---679 (September 1948)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

	DEPENDENT I	LESURVEY	
	OF A PORTION OF THE	SOUTH BOUN	DARY
••••	AND A PORTION OF T	HE SUBDIVIS	ION
•	AND THE S	URVEY	
	OF A PORTION OF TH	E SUBDIVISI	ON
	OF		
	TOWNSHIP 9 SOUTH,	RANGE 8 WES	r
••••			
•			
Of the	Salt	Lake	
In the State of	Utah	•••••	
	EXECUI	TED BY	
1	Boyd S. Owens, Cada	stral Survey	or_
•		·····	
		•••	
Under special instruction	ons dated	May 5	, 19.60, which provided
for the surveys included	l under Group No	438	, approved May 18, 1960
and assignment instruc	tions dated	May 18	, 19 60
Survey con	nmenced	July 29	, 1960
Survey con	npleted	August 10	, 19 <mark>60</mark>

INDEX DIAGRAM

Township) <u>9</u>	South	, Range	8 West	
•		•		*	1
7	•	•		11	19
10	17	9 10		14	18
19	20	91	99	38	94
•• 5	** 5	•	91	26	25
81 4	89	3 8			**

6PG 888111

Towns 9 South, 1988 8 West

Chains

The boundaries and a portion of the subdivision of T. 9 S., R. 8 W. were surveyed by A. J. Stewart Jr. in 1872. These surveys are shown upon the township plat approved April 17, 1873. The south boundary was resurveyed by Clark and Bird in 1947 as shown on the plat of T. 10 S., R. 8 W. The west boundary was partially resurveyed by Clark and Bird in 1947 and the remainder was resurveyed by E. Bird in 1950, as shown on the plats of T. 10 S., R. 8 W. and T. 9 S., R. 9 W., respectively.

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivision, and the original survey of a portion of the subdivision of T. 9 S., R.8 W.

Before restoring corners the lines of the original survey were retraced and diligent search made for any evidence of the original corners. When duly identified the corner positions were remonumented and new accessories taken.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners. This was done after completing the necessary retracements to connect with the identified corner locations, but not until exhausting every reasonable possibility of finding direct evidence for the control of each particular corner.

The retracement data were submitted for office examination and verification prior to the conclusion of the field work. In order to simplify the record only the true line notes, which refer to the completed survey, are supplied herewith.

The survey was executed with a W. & L. E. Gurley solar transit No. 591189 constructed in accordance with standard specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the corner of sections 32 and 33 on the south boundary of the township is at latitude 39° 59' 01.25" N. and longitude 112° 45' 35.75" W., as determined by computation and scaling from U. S. G. S. topographic maps.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 17° E.

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Resurvey, Portion of 8. 1 (12.17.19 S., R. 8 W.
         Chains
                                         Dependent Resurvey of a Portion of the South Boundary, T.9 S., R. 8 W.
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                                         Reestablishment of the survey executed by Clark and Bird in 1947.
                                            7200 t 7. ... 1372 two 72m as 6 50
                                          Beginning at the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the
Tp., mkd. by a 2 in. iron post, firmly set, mkd, and witnessed as
                                          described in the official record.
  Line gard Suc 89° 55' hW., beta secs. band 31.a m. . chi ghire in a mid
                                         over gently rolling land through moderate juniper. in the
                                         Descar 40, ft.; along gentle Na slope and beginning to an
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                                                                                                                         grae Till
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                                         Wash, 100 1ks. wide, 2 ft. deep, drains S. 80 W.; desc. 30 ft. along
                                                                                                                                                                                           .m rud shibeessess which may
                                         bottom of wash.
                                         Leave wash; desc. 120 ft. over gently rolling land through scattered
    16.80
                                         juniper. W chalf . Tames so have a maste year minist one
                                                                                                udža do med id sami, biladia ju
                                                                                                                                                                                                                                                   Car incident
    36.90
                                         Wash, 50 lks. wide, 2 ft. deep, drains W.; desc., 10 ft. along the
    . n n c bottom on S. side of main channel. John No de ale malenda
                                         The monument, set in 1947 to function as the k second of sec. 6,
     39.32
                                         T. 10 S., R. 8 W., a line iron post, conforming to the official
                                         record. This cor. was removed and destroyed. An grand
                                         The monument, set to function as the ½ sec. cor. of sec. 31, T. 9 S.,
    40.00
                                         R. 8 W., mkd. by a l. in. iron post, firmly set and plainly mkd.; this
                                      cor. now functions as the & sec. cor. of secs. 6 and 31, mkd.
                                                             ni to dan etecan di tono, pan ma e ro de
Carlo da Cha como como tono tono (Ma
                                       12. 1
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o pa amu u juli amaža, <mark>se</mark>luliojo jaki ako ob
                                           A juniper, 10 ins. diam., bears S. 82. 42 E. 3.21 chs.
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                                        S. 89° 55' W., bet. secs. 6 and 31, continuing measurement.
     51.40
                                          Unimproved road, bears N. and S.; desc. 40 ft. over gently rolling
                                         bench land, no timber abbout the continue of the society
                                                                                 NO NO LUMBA, that has relieved by
                                                                                                                                                                                                                                                               a die that differe
                                         Wash, 30 lks. wide, 3 ft. deep, drains S. 70° Warren and
    63.70
                                                                      the many little and interest conseinments to be a new to
                                         Road, bears NW. and SE.; desc. 30 ft. over nearly level bench land.
     64.50
    68.60
                                          Wash, 30 lks. wide, 3 ft. deep, drains N. 70% Wast desc. 60 ft.
                                           and the first process of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the first of the fi
     81.36..
                                          The closing cor. of Tps. 9 and 10 S., R. 8 W. an iron post conforming
                                         to the record. .... Summing of Some A. ..... I some immunor
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Soil, gravel and mocks. Law appended in the contract of the Timber, moderate juniper on E. & mile. and the contract of the

Land, gently rolling.

About Micheller & Action of Subdiger T. 9 S. R. 8: W.

Chains

Dependent Resurvey of a Portion of the Subdivision of T. 9 S., R. 8 W.

Reestablishment of the survey executed by A. J. Stewart Jr. in 1872.

Beginning at the cor. of secs. 4, 5, 32 and 33, Tps. 9 and 10 S., R. 8 W., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the dependent resurvey of the south boundary of T. 9 S., R. 8 W.

N. 2º 42º W., bet. secs. 32 and 33.

Over rolling land, through moderate timber.

Desc. 40 ft. over N. slope.

- 3.40 Wash, 1.00 ch. wide, 2 ft. deep, drains SW.; asc. 120 ft. over S.slope.
- 14.00 Unimproved road, bears NE. and SW.; asc. 10 ft.
- 14.50 Spur, slopes SW.; desc. 30 ft. over NW. slope.
- 20.10 Gully, drains NW.; desc. 20 ft.
- 26.50 Wash, 30 lks. wide, 3 ft. deep, drains SW.; asc. 90 ft. over rolling SW. slope.
- 34.90 Draw, near head, drains SW.; asc. 70. ft. over general S. slope..
- Point for the & sec. cor. of secs. 32 and 33 at proportionate dist.; there is no remaining evidence of the original stone cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T9S R8W // \$32 | \$33 1960

Asc. 100 ft. over S. slope.

- Spur, projects SW.; asc. 300 ft. over broken land, SW. drainage and exposure.
- Top of ascent on W. side of spur sloping S. 10° E; desc. 120 ft. along NW. slope.
- 79.50 Bottom of canyon, drains SW.; asc. 10 ft. over general E. slope.

. 60 12560 N. Starter . . 1960. . .

Point for the cor. originally set to function as the cor. of secs. 28, 29, 32 and 33, at record dist. northing from the cor. of secs. 4, 5, 32 and 33, and record dist. westing from the ½ sec. cor. of secs. 27 and 34. There is no remaining evidence of the original stone cor. This cor. now functions as the cor. of secs. 32 and 33 only.

At the cor. point _ ____...

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

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116 Mars 1 2 6 1.

July 5 July 5

S32 S33

, we give ζ

Land, rolling, mountainous.

Soil, clay loam and rocks.

Timber, moderate juniper.

17.50

40.00

80.00 --

.B T

. p. return the percention will be the bull of the bul

Chains

From this cor. the & sec. cor. of secs. 27 and 34, bears 8.88° 54° E. 120.18 chs. dist., mkd. by a stone, 14x12x4 ins., firmly set and plainly mkd. & on N. face.

132.5

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.

Survey of a Portion of the Subdivision of T. 9 8., R. 8 W.

Beginning at the cor. of secs. 5, 6, 31 and 32, an iron post, 2 ins. diam., described in the official record of the survey of the S. bdy. of T. 9 S., R. 8 W.

North, on an original survey, bet. secs. 31 and 32.

Over rolling land through scattered timber.

 $\mathbf{a} \subset \mathbf{a} = \begin{pmatrix} \mathbf{c} & \mathbf{c} & \mathbf{c} \\ \mathbf{c} & \mathbf{c} & \mathbf{c} \end{pmatrix} \qquad \mathbf{E}' E = \mathbf{a}.$

2.40 Wash, 1.00 ch. wide, 1 ft. deep, drains irregularly W.; asc. 50 ft. over S. slope.

5.60 Top of ascent, bears E. and W.; desc. 10 ft. over gentle N. slope.

10.80 Wash, 50 1ks. wide, 2 ft. deep, drains irregularly W.; asc. 50 ft. over gently rolling land.

Wash, drains SW.; asc. 10.ft. over SR. slope.

. 21.50 Finger spur, slopes SW.; desc. 30. ft. over NW. slope....

23.20 Wash, 30 lks. wide, 2 ft. deep, drains SW.; asc. 300 ft. over S.slope.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.

and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.

T9S R8W

\$\frac{1}{5}\$32 \quad \tag{2} \quad \q

1960

Asc. 50 ft. over S. slope.

43.40 Top of ascent on spur sloping from NE.; desc. 90 ft. along rolling W. slope.

56.00 Wash, 50.1ks, wide, 2 ft. deep, drains SW., asc. 430 ft. over steep rolling SE. slope.

76.10 Spur, slopes S. 20 W.; desc. 30 ftt along steep W. slope.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

Land, rolling and mountainous.
Soil, rocky clay loam and limestone outcrops.

Timber, scattered juniper.

SI. S, GOVERNMENT PRINTING OFFICE . ,18 26580-2 1-1

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of Subdivision, T. 94 CR. & Wan
   Chains
                   From the corner of secs. 32 and 33, previously described.
                  N. 89° 56 W., along the N. bdy. of sec. 32. salar ;
                   Over rolling, mountainous land, through moderate timber.
                  All the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of th
    7.00
                  Top of ascent; desc, 50 ft. over W. slope.
  10.40
                  Draw, drains S. 20° E., heads about 5.00 chs. N.; asc. 70 ft. over
                  E. slope.
  14.00
                  Spur, slopes S.; cont. along rolling. S. slope.
  19.60
                  Spur, slopes S.; desc. 80 ft. over W. slope.
                  Draw, about 8.00 chs. from head, drains S.; asc. 10 ft. over E.slope.
 24.20
 25.80
                 Finger spur, slopes S.; cont. along S. slope.
                  Spur, slopes S.; desc. 180 ft. over W. slope.
 30.70
                 Wash, 20 lks. wide, 2 ft. deep, drains S.; asc. 60 ft. over E. slope.
 36.60
 40.00
                 Point for the N. & sec. cor. of sec. 32.
                 Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.
                                                                                   ₹ S32
                                                                                   T9S R8W
                                                                                       1960
                 Cor. is located on finger spur sloping S.
                Asc. 10 ft. along S. slope.
43.50
                 Finger spur, slopes S.; desc. 30 ft. over SW. slope.
45.00
                 Small gully, near head, drains S.; asc. 110 ft. over SE. slope.
49.60
                Ridge, bears irregularly N. and S.; desc. 300 ft. over W. slope.
                Narrow deep wash, drains S. 15 W.; asc. 30 ft. over SE. slope.
60.60
63.50
                Finger spur, slopes S.; desc. 30 ft. over SW. slope.
64.90
                Gully, drains SE.; asc. 130 ft. over rolling E. slope.
73.90
                Spur, slopes S. 20° E.; desc. 60 ft. over W. slope.
76.02
                The cor. of secs. 31 and 32, previously described.
                Land, rolling, mountainous.
                                                                                                        Thomas Co.
                Soil, rocky clay loam, limestone outcrops.
               Timber, moderate juniper on R. 50 chs.
-1.-
                           white he was the man
               West, along the N. bdy. of sec. 31.
             Over rolling mountainous land, widely scattered timber.
    mali . . i ou live .is n
               By triangulation, topography as taken from U.S.G.S. topographic
               sheet; desc. about 140 ft. over steep W. slope.
```

Draw, drains S. 70° W.; desc. about 80 ft. along S. slope.

3.00

From Portion of Subdivisions L. S. Sank College Chains Spur slopes SW.; desc. about 200 ft. over W. slope. 14.00 Draw, drains S. 80° W.; desc. about 200 ft. along rolling S. slope. 21.00 Point for the N. & sec. cor, of sec. 31 men gamilies as 7. 40.00 Set an iron post, 30 ins. long, 21 ins. diam., on broken limestone slope, in a mound of stone, 4 ft. base to top, with brass cap mkd. k S31 1960 End of triangulation . Add to a triangulation . The triangulation . 40.50 Spur, slopes S. 80° W.; desc. 190 ft. over W. slope. 44.30 Small gully, drains N. 80° W.; desc. 120 ft. over gentle rolling 100 58.20 W. drainage and exposure. Wash, 50 lks. wide, 3 ft. deep, drains W.; desc. 150 ft. over W.sl. 68.70 Intersect the E. bdy. of sec. 36, T. 9 S., R. 9 W., at point for the 82.43 closing cor. of secs. 30 and 31. c. search and and and Set an iron post, 30 ins. long, 22 ins. diam., 20 ins. in the ground with brass cap mkd. سته من با بند انگاه کا کا

T9S R9W R8W S36 S30 C S31 C

1960

Raise a mound of stone, 3 ft. base, 2½ ft. high, E. of the cor.

From this cor. the & sec. cor. of sec. 36, T. 9.S., R. 9 E., mkd. by a 1 in. iron post, conforming to the official record, bears N. 1.48.2.33 chs. dist.

Land, rolling on W. 30 chs., mountainous on remainder.
Soil, rocky clay loam and gravel.
Timber, widely scattered juniper.

Note: The W. & sec. cor. of sec. 31 was not established:

Dependent Resurvey of a Portion of the Subdivision of T. 9 S.,R. 8 W

Reestablishment of the survey executed by A. J. Stewart Jr. in 1872.

Beginning at the cor. of secs. 15, 16, 21 and 22, mkd. by a flint stone, 15x15x10, set, mkd. and witnessed as described in the office record.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.

سڪي بياند شدد ، 'ج، س

101 GD .500 (55 m)

4, 6, 00102000000 VINETINA OFFICE. 14-00000-5 --

t Resurvey Portion of Subdivision, T. 9 S..R. 8 W. Chains T9S R8W <u>\$16 | \$15 |</u> S21 S22 1960 Deposit the original stone cor. alongside the iron post. N. 0° 05' W., bet. secs. 15 and 16. Over rolling, mountainous land through moderate timber. Desc. 50 ft. over N. slope. Draw, drains N. 20 W.; asc. 10 ft. along SW. slope. 3.20 Spur, slopes N. 20 W.; desc. 200 ft. along NE. slope. 8.80 27.40 Small side gully, drains N.; desc. 30 ft. over gentle N. slope. Wash, 50 lks. wide, 3 ft. deep, drains NE.; asc. 10 ft. along SE. 31.80 slope. 39.86 The k sec. cor. of secs. 15 and 16, monumented by a granite stone, 14x10x5 ins. firmly set and dimly mkd. At the same location Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd. **T9S R8W** 表 S16 | S15 Deposit the original stone cor. alongside the iron post. N. 1° 11' W., bet. secs. 15 and 16, beginning new measurement. Over gently rolling land, through moderate timber; asc. 10 ft. along E. slope. 11.40 Small gully, drains E.; asc. 10 ft. over S. slope. 14.80 Low spur, slopes E.; desc. 80 ft. over rolling E. slope. 22.50 Small draw, drains NE.; asc. 20 ft. over SE. slope. 30,20 Spur, slopes N. 15. E.; desc. 100 ft. over general N. slope. The cor. of secs. 9, 10, 15 and 16 monumented by a sandstone, 16x10x640.27 ins., loosely set and plainly mkd. At the same location ... Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd. T9S R8W s 9 s10

Bury the original stone cor. alongside the iron post

S16 S15

U. S. GOVERNMENT

-878 b

Resurvey, Portion of Subdivision, T. 9 S., R. 8 W.

Chains

Land, rolling.
Soil, sandy clay loam and rocks.
Timber, moderate juniper.

S. 89° 08' W., bet. secs. 9 and 16.

Over rolling mountainous land, through moderate timber.

Desc. 10 ft. over NW. slope.

- 3.90 Wash, 30 lks. wide, 2 ft. deep, drains NE.; asc. 70 ft. over E.s
- 9.40 Spur, slopes N.; desc. 100 ft. over NW. slope.
- 14.70 Draw, drains N. 30° E. from SW.; asc. 140 ft. over SE. slope.
- 22.80 Spur, slopes NE.; asc. 20 ft. along N. slope.
- 27.20 Spur, slopes N.; desc. 110 ft. over NW. slope.
- 32.70 Draw, drains N. 20° E., heads about 8.00 chs. S.; asc. 130 ft. over rolling E. slope.
- 39.93 Point for the ½ sec. cor. of secs. 9 and 16, at proportionate dist.; there is no remaining evidence of the original stone cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T9S R8W \$\frac{S}{516}\$ 1960

Asc. 30 ft.

- 41.00 Spur, slopes NE.; desc. 110 ft. over NW. slope.
- 49.00 Draw, drains NE.; asc. 360 ft. over rolling E. slope.
- Ridge, bears irregularly N. and S.; desc. 480 ft. over steep rolling land, NW. drainage and exposure.
- 79.85 The cor. of secs. 8, 9, 16 and 17, monumented by a flint stone 18x10x5 ins., firmly set and plainly mkd.

At the same location ...

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on broken bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.

Deposit the original stone cor. alongside the iron post.

The cor. is located on N. slope of rocky outcrop bearing E. and W., about 2.00 chs. in length and 50 lks. wide.

Land, rolling, mountainous.

Soil, rocky and clay loam with limestone outcrops.

Timber, moderate juniper.

U. S. GOVERNMENT PRINTING OFFICE 16-2653

Portion of Subdivision, T. 9 S. R. 8 W.

•	Portion of Subdivision, T. 9 S. R. 8 W.			
Chains				
	Survey of a Portion of the Subdivision of T. 9 S., R. 8 W.			
	From the cor. of secs. 15, 16, 21 and 22, previously described.			
• •	West, along the S. bdy. of sec. 16.			
	Over rolling, mountainous land, through moderate timber.			
	By triangulation, topography as taken from U. S. G. S. topographic sheet; desc. about 80 ft. over spur, sloping NW.			
4.00	Wash, 30 lks. wide, 3 ft. deep, drains NW.; asc. about 40 ft. over NE. slope.			
7.00	Spur, slopes NW.; desc. about 100 ft. over NW. slope.			
12.00	Wash, 50 lks. wide, 2 ft. deep, drains N.; asc. about 320 ft. over rolling land putting NE.			
33.00	End of triangulation on spur sloping N. 20° E.; desc. 170 ft. over NW. slope.			
39.80	Draw, drains N. 15° E.; asc. 10 ft. over E. slope.			
40.00	Point for the & sec. cor. of sec. 16.			
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.			
	T9S R8W 1 S16			
	1960			
	Asc. 350 ft. over E. slope.			
61.60	Spur, slopes N. 20° E.; desc. 40 ft. along N. slope.			
66.00	Spur, slopes N. 15° W.; desc. 220 ft. over SW. slope.			
80.63	Point for the cor. of secs. 16 and 17, S. of the cor. of secs. 8, 9, 16 and 17 and W. of the cor. of secs. 15, 16, 21 and 22.			
	At the cor. point			
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.			
	T9S R8W S17 S16			
,	1960			
	Land, rolling, mountainous. Soil, sandy clay loam and rocks. Timber, moderate juniper.			
	North, bet. secs. 16 and 17.			
	Over rolling, mountainous land, through moderate timber.			

W. S. GOVERNMENT PRINTING OFFICE

1.70 Spur, slopes N. 70° W.; desc. 200 ft. over N. slope.

Asc. 20 ft. over S. slope.

-678 b

Survey, Portion of Subdivision, T. 9 S., R. 8 W.

	Survey, Portion of Subdivision, 1. 7 0., R. O. W.
Chains	
710	Canyon, drains N. 80° W.; asc. 220 ft. over SW. slope.
i	Spur, projects W.; desc. 240 ft. over rolling land, W. drainage and exposure.
32.00	Draw, drains N. 80° W., heads about 5.00 chs. E.; asc. 50 ft. over S. slope.
39.00	Point for the 1/2 sec. cor. of secs. 16 and 17.
	Set an iron post, 36 ins. long, 1 in. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.
• • • • •	T9S R8W
	\$17. \$16 1960
.:	From the cor. a large juniper line tree, bears S. 0,20 lks. dist.

Asc. 40 ft. over S. slope.

41.60 Spur, projects W.; desc. 310 ft. over NW. slope.

54.10 Draw, drains W., heads about 5.00 chs. E.; asc. 100 ft. over SW.slc

62.00 Spur, projects W.; desc. 400 ft. over rolling N. slope.

77.50 Draw, drains W.; asc. 40 ft. over S. slope.

78.70 Rocky outcrop on spur sloping sharply W.; desc. 10 ft.

79.00 The cor. of secs. 8, 9, 16 and 17.

Land, rolling, mountainous.
Soil, rocky clay loam, limestone outcrops.
Timber, moderate juniper.

General Description

The portion of T. 9 S., R. 8 W. included in this survey (sections 16, 31, 32) falls in rough, mountainous land, with the exception of the west part of section 31, which is located on rocky bench land slawest away from grassy mountain. Section 16 lies on the north portion of the Simpson Mountains which extend north and south three the township. The elevation above sea level ranges from abour 5,050 feet in section 31 to about 5,700 feet in section 16. The soil varies from heavy clay loam at lower elevations to shallow rocky clay loam and limestone outcrops at higher levels. There is a moderate growth of juniper in sections 16 and 32 and a fair growth

The Erickson Mining District extends through the township, but no mining activity was noted in these areas.

of sage, yellow brush, oak and grass over most of the area.

There are several good springs located throughout the township, but no live water sources found in the area covered by this survey.

At the present time the land is used primarily for the grazing of livestock. The only recent improvement noticed was the extension of a jeep road through the western portion of section 33 which termina in the southern portion of section 28.

4-680 (Feb., 1980)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY		
Paul G. Bauer	Transitman		
Dan V. Coleman	Chainman (notekeeper)		
Douglas L. McInelly	Chainman		
Jerald V. Thompson	Cornerman, axeman		
Arnold Mann	Blagman		

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens		., HEREBY	CERTIFY upon l	honor that,
pursuance of special instructions bearing date of	the 5th	day of	May	
I have not seek that the resurveyed a	garding of the	south	The should and	▲ 134 0
of the subdivisional lines; and survey	ed a portion of	the su	bdivisional	lines of
T. 9 S., R. 8 W.			- a	
of the Salt Lake Meridian, in the Stat		tah		, which
represented in the foregoing field notes as having	g been executed by	me and	under my direct	tion; and
said survey has been made in strict conformity				
Survey of the Public Lands of the United States				
field notes.				
Salt Lake City, Utah	1	Bord	10,0	, ,
January 26, 1961	13 % 1 8.	Owens.	L Cadastral	on an algebra.
CERTIFICA	TE OF APPROV	AL		
	Bureau of l	Land Ma	NAGEMENT,	
	Washington	, D. C., _	JUN 27 196	2, 19
The foregoing field notes of the ***********************************				
boundary and a portion of the subdivis				
the subdivisional lines of T. 9 S., R.				
executed by Boyd S. Owens				
having been critically examined and found corr	ect, are hereby app	roved.		
		Chi	. iv on	lingi. e
				<i>y</i>
CERTIFICAT	E OF TRANSCE	RIPT		
e to supplet the beginning as it bill			Section 1	r: •'
, is a true copy of	the original	. A		
•				
	*************	**************************************		6 1 10 V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DE PENDENT RESURVEY				
OF A PORTION OF THE SOUTH AND WEST BOUNDARIES				
AND A PORTION OF THE SUBDIVISION				
AND THE SURVEY				
OF A PORTION OF THE SUBDIVISION				
OF				
TOWNSHIP 11 SOUTH, RANGE 4 WEST				
,				
Of the Salt Lake Meridian,				
the State of Utah				
EXECUTED BY				
Boyd S. Owens, Cadastral Surveyor				
nder special instructions dated May 5, 1960, which provided				
r the surveys included under Group No. 438, approved May 18, 1960				
nd assignment instructions dated May 18 , 1960				
Survey commenced June 16 , 19 60				
Survey completed June 29, 19 60				

INDEX DIAGRAM

Towns	hip1	l South	, Range	4 West	******
•	*	4	8	9	1
7	•	9	10	11	19
18	17	16	15	14	18
19	30	31	22	28	94
so 9	29 8	28 7	27	26	25
5 sı 4	11 as	10 ss 2	6 84	35	86
<u> </u>		1	I .	1	1

GPG 866111

Township 11 South, Range 4 West

Chains

The township boundaries and a portion of the subdivisional lines were surveyed by Joseph Gorlinski in 1872 and 1874. These surveys are delineated on the plat of T. 11 S., R. 4 W., approved July 14, 1874. The south boundary was resurveyed by John W. Dougall in 1911, and the record thereof appears on the plat of T. 12 S., R. 4 W., approved June 30, 1913.

The following field notes are those of a resurvey of a portion of the south and west boundaries, a portion of the subdivision, and a survey of a portion of the subdivisional lines of T. 11 S., R. 4 W.

Before restoring the corners, the lines of the original survey were retraced, and diligent search made for any evidence of the original corners, bearing trees, and other calls of the original field note record. When duly identified the corner positions were remonumented and new accessories taken.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner locations, but not until exhausting every reasonable possibility of finding direct evidence for the control of each particular corner. The true lines, thus adjusted to the identified original evidence, were then duly run and marked through the timber.

The retracement data were submitted for office examination and verification prior to the conclusion of the field work. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

Corners on east-west lines were set on the true latitudinal curve. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

The survey was executed with a W. & L. E. Gurley solar transit No. 591189, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximate. The details of such traverse or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the corner of sections 33 and 34 on the south boundary of the township is at latitude 39° 48' 58" N. and longitude 112° 17' 20" W., as traversed and adjusted from the southeast corner of T. 11 S., R. 4 W which was determined by computation and scaling from U.S.G.S. topographic maps.

		Salt file of all isouth, when it will be t
	Chains	$\epsilon_{cont}(\mathbf{v})$.
	22 - 71	The magnetic declination at the corner of sections 33 and 34 on the south boundary of the townskip was foundate be 162° E. v. 100.
	1 7 es 122 es	Carlo Cara and Carlo Car
	** = * c 1	Dependent Resurvey of a Portion of the South Boundary, Tr. 11 S., R. 4
		Reestablishment of surveystexecuted by J. W. Dougall in: 1911.
•		Beginning at the cor. of secs. 33 and 34 on the S. bdy. of the Tp.,
	المنظي يشتعا	mkd. by: a:3 in: iron post, conforming toothelofficial record.
		N. 89f. 20f. W., Lalongothe Soubdy, nof, sec. 334 plane of the sound of the sec. 334 plane of the sec. 34 plane of
		Over rolling bench land, through heavy junipers
	6 4 4 1	Asc. 30 ft. over gentle E. aslope. Sunolita and in order of the order of the contract of the c
~	5.6 0 (4)	Spury slopes S.; deščuolo fto ovėr Wo slope. I sūro okto t gam amb godame socijo dikto pot op vo parodam o alba
	9.70	Bottom of hollow, drains S.; asc. 20 ft. over E. slope
		nt in the dwo named to a hillion in the boundary with a spur, slopes S.; desc. 30 ft. noverow. Aslope. the matter of the matter of the state of the
	D 1 - 1 - 3	Draw, drains S.; asc. 70 ft. over rolling land, S. drainage and exposure.
		Spur, slopes S. 30° E.; desc. 40°ft. over general W. slope.
	#410 Lac	Point for the tase cor. of sec. 33on the S. bdy. of athe Tp. hereinafter described. S. a. S. a. S. a. a. a. a. a. a. a. a. a. a. a. a. a.
	40.675	Record dist. for the basec. cor. of secs. 42 and 33 set in 1911; the cor. point falls in a wash, 1.00 ch. wide, 1 ft. deep, drains SE.; this cor. was not located.
	a on the	Asc. 130 ft. over NE. slope through heavy timber; called a
		Spur, slopes S. 15° E.; desc. 30. ft. and a line in the line of th
	61.90	Jeep road, bears N. and S.; desc. 10 ft. over W. slope.
	64.30	Gully, drains S.; asc. 40 ft. over SE. slope. S. in the month of the control of t
İ	67.50	Spur, Slopes S.; desci 20 ft. over Weslopes
	71.30	Finger spur, slopes S. 220° W.; desc. 20 ft along Wa slope.
	74.10	Gully, drains S.; Gase. 10 ft. along rolling S. slope. Cost of the control of the same of the control of the co
	77.70	The closing corporates. 14 and 5, T. 12 S., R. 4 W., mkd; by a 2 in iron-post/conforming-to/the official record. In 1922 in 19
		Desc. 20 ft.
	24. 24.4	Therelosing cor. of secs, 32 and 33, T. 11 S., R. 4.W., hereinafter described. We have jo min hereinafter
	r ingeria. Tugera	o de alla colle campe subballe presidente, missolo en modello en cultura de la collectión de la Collectión d
	5 . 55 4	Along the S. bdy. of sec. 32, continuing measurement.
		Head of draw, drains Si; asc. 30 ft: over SE; slope. (1.42)
	. 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Louredon es lint. On 17 1 20 et a separar estado do destrolar estado de la contrata del del de la contrata del contrata del contrata de la contrata del contrata del contrata de la contrata de la contrata de la contrata de la contrata del c
- 1	i	

E	Bependent Resurvey, Postion of St. Bdy., T. 11.S., R. 4 W.
Chains	The monument, originally set to function as the corn of secs. 32 and 33, mkd. by a 3 in. iron post, firmly set and plainly mkd.; this corn now functions as an angle point only middle with the constant
	A P (A Cast T11S R4W (ASA S S32
	60 1911
	Land, rolling, mountainous. Soil, rocky clay loam. Timber, moderate to heavy juniper.
14	N. 892.24 W., along the S. bdy. of sec. 32, beginning new measurement.
ļ	Over rolling mountainous land; asc. 280 ft. over rolling SE. slope.
22.10	Spur, slopes S.; desc. 270 ft. over SW. slope.
36.80	Wash, drains S.; asc. 10 ft.
38.23	Point for the k sec. cor. of sec. 32, hereinafter described.
	Asc. 20 ft. over SE. slope.
40.58	The monument, originally set to function as the ½ sec. cor. of secs. 5 and 32, mkd. by a 1 in. iron post, firmly set and plainly mkd.; this cor. now functions as an angle point only, mkd.
	. A P
	N. 89° 24' W., along the S. bdy. of sec. 32, beginning new measurement.
	Asc. 260 ft. over SE. slope, through heavy timber.
16.00	Ridge, bears N. and S.; desc. 110 ft. over rolling SW. slope.
19.80	Gully, drains S.; desc. 30 ft. over rolling S. slope.
26.20	Gully, drains S.; asc. 60 ft. over E. slope.
31.40	Spur, slopes S.; desc. 100 ft. over W. slope.
35.68	The closing cor. of secs. 5 and 6, T. 12 S., R. 4 W., mkd. by a 2 in. iron post, conforming to the official record.
	Thence, along the S. bdy. of sec. 31, continuing measurement; desc. 30 ft.
37.63	Point for the closing cor. of secs. 31 and 32, hereinafter described.
	Desc. 10 ft.
37.90	Wash, 20 lks. wide, 2 ft. deep, drains S.; cont. along rolling S.slope.
	et de la vida de la vida de la companya de la companya de la companya de la companya de la companya de la comp

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Dependent in the Parties of Seat in all Sea R. 4 W.
 Chains
40.68. The monument originally set to function as the corrust secs.5
       32, mkd. by an iron post, 3 ins. diam., firmly set and plainly mkd.;
       this cor. now functions as an angle point only, midden wen
                                         A P
                                      T11S R4W
                                        S31
                                         1911
                                      والمقاري الكارات الأسلالي المناهم كالمستثر السرام
        Land, rolling.
        Soil, rocky clay loam.
       N. 89º 24! W., along the S. bdy. of sec. 31, beginning new measur
       Over rolling mountainous land, through moderate timber; desc. 50 ft.
        over rolling land, draining S.
       Bottom of canyon, drains S.; asc. 70 ft. over SE. slope.
 9.40
17.70
        Spur, slopes S.; desc. 70 ft. over W. slope.
                                      Le .. & .but this thin this
21.70
        Draw, drains S.; asc. 40 ft. over E. slope.
29.90
        Spur, slopes S.; desc. 130 ft. over W. slope.
                                    الأكلام الاعتراء تمثل المتكرم المتحرب على المارات الا
       35.90
36.95
        Point for the ½ sec. cor. of sec. 31 at 40.00 chs. westing from the
        closing cor. of secs. 31 and 32.
       Set an iron post, 30 ins. long, 2\frac{1}{2} ins. diam., 8 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.
                                      T11S R4W
                                       ¥ S31
                                 1960
       Asc. 30 ft. over E. slope.
                                     بالمراجع والمسلم المسلم المراجع والمراجع
       The monument, originally set to function as the & sec. cor. of secs.
        6 and 31, mkd. by an iron post, 1 in. diam., firmly set and plainly
       mkd.; this cor. now functions as an angle point only, mkd.
                            A P
                                         S31
                                                 المكتاب المساف المحائل المائل
                                          ...60 ...
                                                 المتحضية إنكا الأنجا
                                       . . 1911 ....
                                                edd jog ir yr bir in
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N. 89° 36' W., along the S. bdy. of sec. 31, beginning new measure

Asc. 10 ft. over E. slope.

1.30 Spur, projects S. 20° E.; desc. 210 ft. over SW. slope.

13.60 Draw, drains S.; asc. 30 ft. over E. slope.

15.90 Low spur, slopes S.; desc. 40 ft. over W. slope.

4. C. CONTRACTO FRANCISCO STREET 10-20030-0

	Dependent Resurvey, Portion of Sq. Bdy eg. TankleS., R. 4 W.
Chains	
18.70	Gully, drains S.; desc. 70 ft. over gentle rolling beach land.
شنست الما	Draw, drains::SW:: ascio30::ft:: over (SEquisiope. distribution of the contract of the contrac
38,40≟	Spur, islopes SW:; desc. 10oft. lover gentlesW. skope.
40.50	The cor. of Tps. 11 and 12 S., Rs. 4 and 5 W., mkd. by a 3 in. iron post, conforming to the official record.
ad 15 .	The cor. is located on old fence line, bearing N.10°1305 W. and S. 0° 30° E. about 50 lks., thence W. John M. J. J. J. J. J. J. J. J. J. J. J. J. J.
	Land, rolling. Soil, clay loam at lower elevations, gravel and rocky outcrops at higher elevations. Timber, moderate juniper.
•	Dependent Resurvey of a Portion of the East Boundary, T. 11 S., R. 5 W.
	Reestablishment of the surveys executed by J. Gorlinski in 1874.
	Beginning at the cormof Tps. 11 and 12 S., Rs. 4 and 5 W., a 3 in. iron post, described in the survey notes of the N. bdy., T. 12 S., R. 4 W.
	N0° 34' W., along the E. bdy. of sec. 36, T. 11:S., R. 5 W.
	Over gently rolling bench land, through moderate timber.
	Asc. 10 ft. over gentle SW. slope, along fence bearing N. 0.30 W.
9.40	Small wash, drains S. 60° W.; asc. 20 ft. over gently rolling land.
14.80	Begin descent over NW. slope; desc. 10 ft.
18.00	Small wash, drains SW.; asc. 40 ft. over gently rolling land.
36.39	Point for the k sec. cor. of sec. 31, T. 11 S., R. 4 W., hereinafter described.
40.13	Point for the & sec. cor. of sec. 36, T. 11 S., R. 5 W., at proportionate dist.; there is no remaining evidence of the original stone cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.
(I to)	## . ** . ** . ** . ** . ** . ** . ** .
	s36 1960
ı	Asc. 40 ft. over S. slope.
50.80	Top of ascent, bears E. and W.; desc. 30 ft. over N. slope.
	Unimproved dirt road, bears E. and Wa; road forks 0.50 lks. E., one fork bears to the N. Asc. 100 ft. over gently rolling land, SW. drainage and exposure.
73.50	Top of ascent, bears NE. and SW.; desc. 20 ft. over NW. slope.
76.39	The closing cor. of secs. 30 and 31, T. 11 S., R. 4 W., hereinafter described.

-678 b

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Dependent Resurvey, Portion of E. Bdy . Tanklas . R. 5 W.
                                                                                                                                                                                                                                                rubado.
      Chains
                 . in Descap20, ft loca lightly and lightly for the first of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of the continue of th
                                                                                                                                                                                                                                                17.31
                             The monument, originally set to function as the more of secs. 25, 30, 31 and 36, mkd. by a stone, 12x10x8 ins., firmly set and plainly mkd.
  80.27
                              this cor. now functions as the cor. of secs. 25 and 36 p.T. 11 S.
                             R. 5 W., only.
                                                                                             نه الله المعدد
                                                                                                                                         الأن و ك. دلا 27 به. بد شود بد
                             At the same location accommodate with the guintable of the significant and the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significant of the significan
                             Set anciron post, 30 ins. long, 25 ins. diam., 22 ins. in the ground
                             and in a mound of stone tontop, with brass cap mkd. o
                                                                                                                                                   T11S
                         121, olivy koma ne west vouce me, grad in a con dece
                                                                                                                                             825 830 . on unuveles near hill
                                                                                                                                            S36 plant contract fund, 236
                             Bury the original stone cor. alongside the iron post.
                                            ne artent andurvey in a heathan of the list from any -
                             This cor. is located near the cor. of fence line bearing W. and S.
                           Land, egently rolling. Second operate of the same series of the
                             Soil, sandy clay loam.
                           Timber, moderate juniper, intermittent sage dovered flats.
                              ರ್ಷ-೧೯೮<mark>೯ ಸಂಶಕ್ತಿ ಸಹಾರ್ವದೆದಿ</mark>ಂದ ಮೂಲಕಾರ್ಯ-೧ ರಾಜಿಕಾರ ಸದ ರವಿ ೧೯೮೯ ನಿ. ಕ್ರ. ಕ್ರ
                           Dependent Resurvey of a Portion of the Subdivision of T. 11 S., R. 4
                                     اللاب المستحقين والمنتشفين أو موجه المعطاني التناب والمستحال المالات التناب المالات
                            Reestablishment of the survey executed by J. Gorlinski in 1874.
                                                  From the cor. of secs. 33 and 34 on the S. bdy. of the Tp.
                                                                                                                                                       a 🕠 🖟 🥹 (Saillean 🛣 🖟 🗸 🖟 🖟 an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air an air a
                            N. 0°21' E., bet. secs. 33 and 34.
                                                                                                            notice tograte this general control in the
                            Over rolling bench land, through moderate timber.
                                                imagn gjama av. .dr 30 se ;... misam
    3.10
                            Small wash, drains SE.; asc. 40 ft. over rolling bench land.
                                                                                                      ್ರಾಮಿಕ ಜೀಜ್ ಕೆಟ್ರು ಕ್ರಿ ರೀತ್ರಿ ಆ ಜನ್ನ ಜನ್ನ ಆಪ್ರ
20.70
                            Draw, drains S. 30° E.; asc. 70 ft. over SW. slope.
 36.50
                            Unimproved dirt road, bears irregularly E. and NW., following along
                            ridgestops ( 1990 - ಸಾಮಾರ್ಯದಿ ರಾಜಕಾಗಿತ್ರ ಕೃತಕಾಗಿ ನಿರುವಾಗಿತರಣ್ಣ ಆಶ್ವಕ
                                                                                                                                                                                                  .1 -5 : H 35:
                            Desc. 10 ft. over N. slope.
                            Book an in the region, I ame, wheel in the area and and
38.86.
                           Point for the k, sec. coresof. sec. 334 to to same a mi amo
                            Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground,
                            with brass cap mkd.
                                                                                                         10:5
                                                                                                                                       T11S R4W
                                                                                                                                             Ł
                                                                                                                                            S33
                                                                                                                                            .01960 .6 tovo .51 .8 .502
                          Raise a mound of stoney 3 ft. base, 2 ft. highwar of the cor. . . .
39.43
                          Point for the & sec. cor. of sec. 34, at propertionate dist.; there
                     is no remaining evidence of the original stone corted Arch
                                                                                                                                                         .ಜುಕ್ಲುಬ ಗಿಗ್ರಾ ಕರ್ನಡಿಸಿ ಬಿ.1
                          Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground
                          and in a mound of stone, 3. Et base to topy with brass cap mkd. . . .
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That chein; cut. of seen. of this it, T. ...

-	4	Beyendent Resurvey Fortion of Subbilly, T. IVS., R. 5 W.	
	Chains	T11S R4W	
		1960	
		Desc. 10 ft. over N. slope 16 200	
	43.20	Wash, 30 1ks. wide, 2 ft; deep, drains SE; asc. 10 ft. over rolling bench land.	
	59.40	Draw, drains SE.; asc. 30 ft. over rolling land.	
	66.00	Small wash, drains S. 20° E.; asc. 20 ft. over SW. slope.	
	76.00	Top of ascent, bears NW. and SE.; desc. 10 ft. over NE. slope through moderate sage, no timber.	
	78.80	Small wash in bottom of hollow, drains SE.	
	78.86	The monument originally set to function as the cor. of secs. 27, 28, 33 and 34, mkd. by a quartzite stone, 16x8x8 ins., firmly set and dimly mkd.; this cor. now functions as the cor. of secs. 33 and 34 only.	
		At the same locations a house a control of the same locations a house a control of the same locations a house a control of the same locations a house a same location and house a same locations a house a same location and house location and house	
		Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.	

	• •	\$33 \$34 1960	
		Bury the original stone cor. alongside the iron post.	
		Land, gently rolling. Soil, sandy clay loam and rocky. Timber, moderate juniper, heavy sage along draws.	
	<u> </u>	<u> </u>	
		Note: The lines for ½ mile N. and 2 miles E. were retraced and no original cors. found.	
	1.2 %	Thence	
	•	West, with original survey, on a sectional correction line, along the N. bdy. of sec. 33.	
		Over rolling land, through moderate sage.	
	.10	Small wash, drains SE.; asc. 20 ft. over NE. slope.	
	2.30	Top of ascent, bears NW. and SE., by triangulation, topography as estimated; asc. about 300 ft. over rolling land through moderate timber, general SE. drainage.	
١.	AL .01	End of triangulation on ridge bearing N. 10° W. and S. 10° E.; desc. 20 ft. over W. slope. Victorian Company of the N. 2 sec. cor. of sec. 33.	
		Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground and in a mound of stone, 3 ft. base, to top, with brass cap mkd.	

Survey, Portion of Subdivision Trull Sankard H. (magn) Chains Tlls R4W ¥ S33 1960 Desc. 110 ft. over W. slope. .50.30 . a. aiched Jeep road, bears N. 15° W. and S. 15° E. 54.70 Small wash, drains S. 20° E.; asc. 160 ft. over broken E. slope. 58.50 Point for the sec. cor. of secs. 32 and 33 on sectional correction 80.00 and the control of th نائل والمرازي المناز الأندار Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd. on a discurry of **Tills R4W**all discussion was wall 1960 The cor. is located on S. slope of rocky spur. Land, rolling, mountainous. Soil, rockysclay loam. and the grand who have a market Timber, moderate juniper. Undergrowth, moderate sage, scattered grass. West, along the N. bdy. of sec. 32. . A 2 5 . . . A 2; 25. Over rolling, mountainous land, through moderate juniper. By triangulation, topography as estimated; asc. 270 ft. over rolling land, SE. drainage and exposure. , and many statement of the second seco 30.40 End of triangulation on ridge, bearing N. 10° W. and S. 10° E.; desc 30 ft. over SW. slope. 1. . : 11... 35.10 Small gully, drains SW.; desc. 10 ft..along S. slope. 40.00 Point for the N. & sec. cor. of sec. 32. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone, 4. ft. base to top; with brass cap mkd. T11S R4W <u>100 000</u> , 1002 (111, 10 € € 2 **½ 832** w.un, walle - 1960 L.u.. Asc. 30 ft. along rolling, S. slope. the control of the bound of the bound of the control o 46.10 Gully, drains S.; asc. 40 ft..over E. slope. de de de de Finger spur, slopes S.; desc. 20 ft. over Wanslope: 48.20. Wash, 40 lks. wide, 1 ft. deep, drains S. 15° E.; desc. 70 ft. along 51.00 60.00 Slope changes, tolk.; asc. 30 ft. . and the contract of the same beat 63.00 Rocky point on spur sloping sharply S.; desc. 150 ft. over rolling SW. slope.

Survey, Portios of Sabdivision, T. 11 S., R. 4 W. Chains 70.90 Gully, drains S. 10° Wa; desc. 20 ft. Begin ascent along rolling S. slope; asc. 10 ft. 74.60 77.60 Top of ascent; desc. 10 ft. over SW. slope. 80.00. Point, for the sec. cor. of secs. 31 and 32 on sectional correction line. Set an iron post, 30 ins. long, 2½ ins. diam,, 4 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd. T116 R4W S31 S32 1960 Land, rolling, mountainous. Soil, rocky clay loam, limestone outcrops. Timber, moderate juniper. West, along the N. bdy. of sec. 31. Over rolling mountainous land, through moderate juniper. Desc. 200 ft. over rolling SW. slope. 13.90 Jeep road, bears N. 10° E. and S.; desc. 10 ft. 15.10 Wash, 50 lks. wide, 3 ft. deep, drains S.; asc. 80 ft. over general E. slope. 20.00 Rocky spur, slopes S. circling to W.; desc. 80 ft. over W. slope. 27.60 Slope changes to N.; desc. 70 ft. 40.00 Point for the N. & sec. cor. of sec. 31. Set an iron post, 36 ins. long, 1 in. diam., 16 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd. T11S R4W ₹ S31 1960 The cor. is located on a N. slope about 1.00 ch. up from the bottom. Desc. 60 ft. along the N. side of spur. 50.70 Wash, with jeep road in bottom, drains S. 50° W., from N. 70° E.; desc. 50 ft. over rolling bench land. 63.30 Wash, drains S. 10° W.; desc. 20 ft. 82.90 Jeep road, bears N. and S. 84.50 Fence, bears N. and S. 84.71 Intersect the E. May. of sec. 36, T. 11 S., R. 5 W., at point for the closing cor. of secs. 30 and 31. Set an iron post, 30 ins. long, 21 ins. diam., 10 ins. in the ground and in a mound of stone, 3k ft. base to top, with brass cap mkd.

8.90

39.00

678 b

Portion of Subdivision TV 11.8. RV44W. Chains Wiley, Prilate of the agent described at. R5W R4W 336 830 G.A. A. DIN DELL HERSEN

From this cor. the cor. of secs. 25 and 36, T. 11.8., 3Rt 5 W., hereinbefore described, bears N. 0° 34' W., 3.88 chs. distanta

\$31 C

Land, gently rolling bench land on W. L-mile; mountainous on That is it , in so ho home, I sik mi remainder. Soil, clay loam and rocky. Timber, moderate juniper.

> From the closing cor. of secs. 30 and 31. The point for the & sec. cor. of sec. 31 is at 40.00 chs. southing and on the W. bdy. of the Tp. And and the Administration of the Tp. At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

1960

T11S 31 t 7 .01

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70.50

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1.2.

26.7E

From the cor. of secs. 32 and 33 on sectional correction line.

Over rolling mountainous land, through moderate timber and sage.

Desc. 80 ft. over 6. slope.

16.50 Wash, 30 lks. wide, 2 ft. deep, drains S. 80° E.; asc. 30 ft. over rolling bench land.

34.00 Small rocky knoll; desc. 50 ft. over SW. slope.

South, bet. secs. 32 and 33.

Gully, drains SE.; cont. along E. slope. 33 C

40.00 Point for the 1/2 sec. cor. of secs. 32 and 33. A re. or at. along the in older of e are

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.

T11S R4W

i . Let i be i in i . Let i

S32 S33 . 1960 . Lambe (nast j. 3

Desc. 20 ft. over sage covered bench land. If wanted possess

al elm, art. E 3rcs. Cremat ble.

Small wash, drains E.; asc. 10 ft. over gentle NE. slope.

10 an ir n .ot, 30 inc. irang, lights. it.a., an irange and irange at the store of the st

		Survey, Portion of Subdivision, T. 11 S., R. 4 W.
	Chains	
	49.00	Spur, slopes SE.; desc. 60 ft. over rolling SW. slope.
	60.20	Jeep road, bears N. 80° W. and S. 80° E.; desc. 10 ft. over S. slope.
	63.20	Wash, 50 lks. wide, 1 ft. deep, drains E. curving to SE.; a small spring, good drinking water, bears E. 3.00 chs. dist.; asc. 60 ft. over general N. slope.
	. 69 .30.1.	Top of ascent, bears Es and W.; desc. 70 ft. over rolling land, S. drainage and exposure.
	: 177-,93 -н :зал	Intersect the S. bdy Mof the Tp. at the point for the closing cor. of secs. 32 and 33. 03 05 05 05 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.
1.		T11s R4W
1		C C
		S32 S33 S 5
1	em žv⊘i	
		From this cor. an angle point on the Salbdy of sec. 32, previously described, bears N. 89° 20' W., .1.75 chs. dist
		Land, rolling. Soil, sandy clay loam and rocky.
		Timber, moderate juniper along spurs and ridges intermittent sacc-
F	110 . 11m	covered draws
		. 2 cus ac. , , .
, t	.లక్ష్ములు ముఖ్య	The point for the S. & sec. cor. of sec. 33 is at 40.00 chs. easting from the closing cort. of secs. 32 and 33 on the S. bdy. of the Tp. 4 the cor. point
		Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.
		T115 R4W
		½ S33
		1960
		a.1t jacobtt
15	المطلاء ومات	From the cort. of sees: 34 and 32, on the sectional correction line.
	5.1331	S., 00. 01 nE. 30 betside call and 32. Then to the control of the
11.		Over rolling mountainous land, through moderate juniper and sage-
~ .	V1	FRANK DATE OF CONTROL CARRIES AND AND AND AND AND AND AND AND AND AND
-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	by triangulations asc. 250 ft.
٠.	37.60	End of triangulation, ridge bears N. 70° W. and Sa 80° E.: desc. 70
	ان ئىلدەرد	ft. over steep S. slope. incosed and a quite quach a slope included as some and all and slope in the second of the second secon
	ŀ	. I
_1	ي بي بي بي نيند4	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.

4-678 b

. Portion : in Subdivision. To 11.8., Ray fow.

Chains . de, omines seve its **THS. #W**e : the serind derived ger, 3; e. .co. j. ° J. . U.a **831 832**, maked , by a yeck lanima , camani Desc. 360 ft. over rolling land, through moderate timber, general S. drainage and exposure. . - Janearan ja Janearan .77.08. | Intersect the S. bdy. of the Tp. at the point for the closing cor. of secs. 31 and 32. C DOUR : د متصفي ٢٠ ساله 🖰 Set an iron post, 30 ins. long, 21 ins. diam. 12 ins. in the ground

and in a mound of stone, 3 ft. base to top, with brass cap mkd.

الفريم عولم الموقي ٢٤١٤، من الرائمة، الأران والمدار عمالة إلى والمدار and fine course the oblique is as z , z . The observable S31 S32 S 6 **T12S** 1960

From this cor. and angle point on the S. bdy. of sec. 31, previously described, bears N. 89° 24' W., 3.05 chs. dist.

Land, rolling, mountainous. Shado, shaha shado sand shado Soil, clay loam and rocky... The fire so a delice and state of Timber, moderate juniper. بند و تاجيبيستلي، The point for the S. ½ sec. cor. of sec. 32 is at midpoint and on #

S. bdy. of the Tp.

At the cor. point Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the parallal and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T11S R4W

) in . The proof of the contract of the contr T12S 4.5 1960

General Description

The land in the southwest portion of the township has a moderate . initial in the growth of stimber on the ridges and spurs, with heavy sage and grass along the draws and washes. The West Tintic mountains extend south through the township, sloping off. to the east, and west, with the divide in the southern part falling in section 32. ver rolling mantainous lam , through modernous came, .

There are several roads into the township and indications of mining having been undertaken in the Tintic Mountains. At present lives grazing is the predominating interest; but is confined mostly to bench land. There is a good spring located in the southwest of Madde of Section 33 and at few small seeps were noted in the area. idt. svar otee, 3. Blage.

The soil at lower elevations is a heavy clay loam, becoming shallow and rocky at higher elevations. The state of the state

10 No recent improvements or developments were noted, but prospecting and post cutting are still carried out in the same a. m. am

4-680 (Feb. 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

	7
NAMES	CAPACITY
Paul G. Bauer	Transitman
Dan V. Coleman	Chainman (note keeper)
Douglas L. McInelly	Chainman
Stanley F. Greene	Flagman
Jerald V. Thompson	Cornerman
Arnold Mann	Axeman and Flagman
Ross Workman	Axeman
4 . 324 2	
	-
	4
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	16—555mi 2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens	HEREBY CERTIFY upon honor
pursuance of special instructions bearing date of the	5th day of May
I have surveyed residence a portion of the	south and west boundaries and a graduate
of the subdivision; and surveyed a portion	of the subdivision of T. 11 S., R.4 V
	$\lim_{n\to\infty} \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \right) \right) = \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \left(\frac{1}{n} \right) + \frac{1}{n} \left(1$
of theSalt_Lake Meridian, in the State of	Utah , which
represented in the foregoing field notes as having bee	n executed by me and under my direction; and
said survey has been made in strict conformity with	said instructions, the Manual of Instructions fo
Survey of the Public Lands of the United States, and	in the specific manner described in the
field notes.	Α
Salt Lake City, Utah	Boyd S. Owens, Cadastral Surveyor
January 12, 1961	Boyd S. Owens, Cadastral Surveyor
CERTIFICATE C	OF APPROVAL
	BUREAU OF LAND MANAGEMENT,
	Washington, D. C., JUN 28 1962, 19
The foregoing field notes of the suspector depend	ent where you of a portion of the sea
and west boundaries and a portion of the s	ubdivision; and the survey of a
of the subdivision of T. 11 S., R. 4 W., S	alt Lake Meridian, Utah
executed by Boyd S. Owens, Cadastral	e, de e r
having been critically examined and found correct, a	re hereby approved.
	Ex +
	Chief, tavisi
	<u> </u>
CERTIFICATE OF	FTRANSCRIPT
I CERTIFY that the foregoing transcript of the fie	ld notes of the color of the co
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4---679 (September 1948)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF A PORTION OF THE SUBDIVISION OF TOWNSHIP 10 SOUTH, RANGE 8 WEST Of the _____ Meridian, EXECUTED BY Boyd S. Owens, Cadastral Surveyor , Under special instructions dated May 5 , 19 60, which provided for the surveys included under Group No. 438 approved May 18, 1960 and assignment instructions dated May 18 , 19 60 Survey commenced July 25 19 60 Survey completed July 28 , 19 60

INDEX DIAGRAM

Townsh	i p 10 S	outh	, Range	8 West	
•	8	4	3	9	1
7		9	10	11	19
18	17	16	4 15	14	18
19	90	21	22	28	94
80	29	28	27	26	25
31	32	88	84	85	1 86

GPQ 86611

. Township 10 South, Range 8 West

Chains

The east boundary of the township was surveyed by A. Gentry in 1933. The north boundary and the boundaries of sections 2 and 5 were surveyed by A. J. Stewart Jr. in 1872. The west and south boundaries were surveyed by J. Gorlinski in 1875. The north and west boundaries and the boundaries of section 5 were dependently resurveyed by Clark and Bird in 1947, who, the same year, independently resurveyed the south boundary (Second Standard Parallel South through Range 8 West) and surveyed a portion of the subdivisional lines of T. 10 S., R.8 W.

The following field notes are those of the survey of a portion of the subdivisional lines, of T. 10 S., R. 8 W.

The survey was executed with a W. & L. E. Gurley solar transit No. 591189 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 54' 13.5" N. and longitude 112° 41' 11.8" W. as adjusted from U. S. G. S. topographic sheet.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° 45' East.

Survey of a Portion of the Subdivision of T. 10 S., R. 8 W.

Beginning at the Standard corner of sections 35 and 36 on the Second Standard Parallel South, monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

N. 0° 01' W., bet. secs. 35 and 36.

Over steep, rocky mountain land, through moderate timber.

Survey, Portion of Subdivision, T. 1102S. R. 8 W.

Chains Asc. 160 ft. over steep S. slope: and it guard a win wall للباء الأما المعالم المعالم المنتقل المنتقل المعاربين المستند Spur, slopes W., by triangulation, topography as taken from U. S. G. 5.50 topographic sheet; desc. about 140 ft. over rolling NW .. slope. Bottom of canyon, drains SW.; asc. about 420 ft. over steep SE. slo 24.50 التعقيد الممالين الممالية المعادية المعادية المعاد Point for the & sec. cor. of secs. 35 and 36. 40.00. Set an iron post, 36 ins. long, 1 in. diam., among broken boulders in a mound of stone, 5 ft. base to top, with brass cap mkd. ... 6 % acad a 20 The cor. is located on spur sloping SW. End of triangulation; asc. 40 ft. along W. slope. . . Finger spur, slopes W. about 3.00 chs. to end; desc. 30 ft. along W. 41.60 ing na akabahan sebagai di Bada ang Sabib Managaran Sabahasan Sabib slope. 49.50 Large rock slide, slopes sharply W.; asc. 60 ft. along rolling W. Rocky spur, slopes sharply W. about 10 chs. to end; desc. 170 ft. 200 54.10 rocky NW. slope. 60.70 Canyon, drains S. 70° W.; asc. 390 ft. over steep rocky SW. slope. militar of the contract of the West end of high rocky outcrop. 74.30 76.50 Rocky gully, drains sharply W.; asc. 80 ft. over steep rocky SW.slc Point for the cor. of secs. 25, 26, 35 and 36. 80.00 ... 2 .. Set an iron post, 30 ins. long, 2½ ins. diam. on broken bed rock and in a mound of stone, 4 ft. base to top, with brass cap mkd. T10S R8W \$26 | \$25 \$35 | \$36 - ...: **1.96**0 Land, rough and mountainous. Soil, shallow rocky clay loam. Timber, moderate to scattered juniper. Beginning at the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., monumented by an iron post, 2 ins. diam., set, mkd. and witnessed conforming to the official record.

N. 89° 53' W., bet. secs. 25 and 36.

Over rough mountainous land, through scattered timber.

Asc. 120 ft. over E. slope.

- 3.80 Spur, slopes S.; desc. 240 ft. over steep rocky W. slope.
- Unimproved road, follows along canyon bottom, bearing irregularly NW and SE.; asc. 320 ft. over steep rocky E. slope.

	Survey, Portion of Subdivision, T. 10.8., R. 8.W.
Chains	
17.80.	Rocky spur, nprojects/SE. about 5:00 chs. to.end; asc. 50 ft. along broken S. slope.
31.90	Canyon, drains SE; asc. 270 ft. cover general E; slope through . moderate timber.
40.02	Point for the correctisees 1.25 and 36 2000 1
	Set an iron post, 36 ins. long, 1 in. diam., 4 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T10S R8W
	\$\frac{\scale}{4} \frac{\scale}{\scale} \frac{\scale}{36}
	* \$36 1960 (1911)
l	
• .	Asc. 360 ft. over: NE. slope.
54.50	Ridge, bears irregularly N. and S.; desc. 270 ft. over steep broken SW. slope.
71.20	Small gully, drains S. 80° W.; desc. 220 ft.
80.04	The cor. of secs. 25, 26, 35 and 36.
e	Assumed to the second of the s
is en .	Land, high broken mountains. Soil, rocky clay loam, exposed limestone outcrops. Timber, scattered to moderate juniper.
<u>.</u>	
	Beginning at the cor. of secs. 16, 17, 20 and 21 monumented by an iron post, 2 ins. diam., set, mkd. and witnessed conforming to the official record.
	East, bet. secs. 16 and 21.
	Over rolling mountainous land, through moderate timber.
	Desc. 10 ft. over E. slope.
-50	Draw, drains S.; asc. 20 ft. over W. slope.
2.50	Finger spur, slopes SW. about 1.00 ch. to end, by triangulation, topography as taken from U. S. G. S. topographic sheet; asc. about 450 ft. over rolling W. slope.
30.00	End of triangulation, slope changes to S.; asc. 60 ft.
40.00	Point for the k sec. cor. of secs. 16 and 21.
	and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
• •	T10S R8W
	$\frac{1}{521} \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 \cdot $
	Cont. by triangulation, topography as scaled.
	Asc, 40 ft, over SW, alope.
45.00	Spur, slopes S.; desc. about 80 ft. over SE. slope.
	γ γ γ 2 2 μ. 2 μ
	· Programme (in the second control of the se

		Portion of Subdivision, T. 1015; R. 8 W.
	Chains	i awath
	50.30 .:	Draw, drains S.; Basca about 440 ft. over rolling SWS slope through scattered timber.
	80.00, c	Point for the core of secs. 315, 716, 621 and 22 plants of the core of secs. 315, 716, 621 and 22 plants of the core of the co
		Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock and in a mound sof stone, 4 ft. base to top, with brass mkd.
	· · · · · · · · · · · · · · · · · · ·	בנו בי בי בי בי בי בי בי בי בי בי בי בי בי
		Land, rolling, mountainous. Soil, rocky clay loam and shale. Timber, moderate juniper on W. ½ mile, scattered on remainder.
		out for Toller to the light pass same at the light
		N. 0° 02' W., bet. secs. 15 and 16.
		Over steep, rough mountainous land, through scattered timber.
	1.80	Ridge top, bears N. 70° W. and irregularly SE., by triangulation, topography as taken from U. S. Gussatopographic sheet; desc. about 360 ft. over steep rocky N. slope.
	21.50	Bottom of Lost Canyon, drains W.; willows growing along the bottom canyon indicate water most of the time; however, at present the is dry. Asc. about 240 ft. over steep rocky S. slope.
	32.00	Small-seep; asc. about-200 ft. over Sy slope
	3 7. 80	End of triangulation.
	38.00	Ridge, bears E. and W.; desc. 30 ft. over N. slope.
	40.00	Point for the 1 sec. cor. of secs. 15 and 16.
		Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the growand in a mound of stone, 3 ft. base tootop; with brass cap mkd.
		from which one of the control o
	en see	A juniper, 12 ins. diam., bears S. 53° 35' W., 37 lks. dist., mkd. 1/4°BT. a. a. a. a. a. a. a. a. a. a. a. a. a.
		Cont. by triangulation, topography as taken from U. S. G. S. toposheet.
		Desc. about 320 ft. over broken NW. slope.
	51.30	Wash in bottom of grassy canyon, drains W.; asc. about 420 ft. ove steep broken S. slope. Andrew S. Slope. S. Slope. S. Slope.
	65.30	End of triangulation on ridge bearing NE. and W.; desc. 240 ft. cobroken N. slope.
	73.00	Slope changes to W.; desc. 20 ft.
į	79.50	Slope changes to SW.

. у. в. соминиция разытна фрека. - 16-26580-2 1-1

Point for the cor. of secs. 9, 10, 15 and 16.

The Garding Control of Subdivision, T. 10 S. R. 8 W.

Chains

W . . . 1.

Set an iron post, 30 ins. long, 2½ ins. in diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T10S R8W S 9 \$10 \$16 \$15

Land, steep rolling and broken mountains.
Soil, rocky clay loam and exposed limestone.
Timber, scattered juniper.

S. 89° 59' W., bet. secs. 9 and 16.

Over rolling mountainous land, through scattered timber.

Desc. 270 ft. over SW. slope.

13.10 Draw, drains N. 70° W.; asc. 60 ft. along rolling N. slope.

26.20 Rocky spur, slopes NW.; desc. 140 ft. over rolling N. slope.

39.40 Small draw, drains N.; desc. 10 ft.

39.98 Point for the 1 sec. cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T10S R8W \$\frac{S}{5}\frac{9}{516}\$\$1960

Asc. 20 ft. along rolling N. slope.

50.50 Top of ascent; desc. 70 ft. over NW. slope through moderate timber.

54.50 Rocky spur, slopes N. 60° W.; desc. 460 ft. over steep SW. slope.

69.40 Small draw, drains N.; desc. 50 ft.

75.00 Wash, 70 lks. wide, 1 ft. deep, drains NW.; asc. 70 ft. over NE. slope.

79.00 Spur, slopes NW. from S.; desc. 30 ft. over W. slope.

79.96 The cor. of secs. 8, 9, 16 and 17, monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

Land, rolling, mountainous. Soil, rocky clay loam.

Timber, moderate juniper on W. ½ mile, scattered on remainder.

General Description

The land in sections 16 and 36, T. 10 S., R. 8 W. is extremely rough and mountainous. The soil is shallow, rocky clay loam with shale and limestone outcrops. The elevation above sea level ranges in section 36 from about 6,100 feet in the southeast corner to about 7,767 feet in the north central portion; and in section 16 from about 5,900 feet to 7,178 feet, the highest point being in the northeast quarter. Section 36 is drained southerly by Broad Canyon and its tributaries on the east, and an unnamed canyon on the west; section 16 is drained westerly by Grassy Canyon, Lost Canyon and their tributaries.

234 or with the result of the state rated) Chains Both sections are located on the Simpson Mountains in the Brickson . 1.5 Mining District. There has been limited mining in section 36, but at present there is no activity. A moderate growth of juniper is found over most of the area and willows thrive along the bottom of Lost Canyon. Livestock grazing of current interest and is confined mostly to the canyons and lower elevations where there is a fair growth of native grass, buckbrush, yellow brush and sage. Date of the publication إداستي وفادا العملي ألأها عدا المرابعة المغاد فكالمداء A fence line extends across part. of the south boundary of section 36 The southeast corner of the township is located on the fence line about 5.00 chs. west of a gate, where a jeep road bearing north and south follows along the bottom of Broad Canyon, cutting across the الرابات في مستهرا ومن الاستقال كيم والان الماسياني الكيان الكاريم والان الكونا والكياري الكياري الرابات الوغ المدينة والأبا للأفاء المفقدينة في للأجلبين to take, .bt | var .car. And in the same of cooking the same and a المنافي والمستران والمنافية والمنافية والمنافية والمنافية والمنافية والمنافية والمنافية والمنافية والمنافية والمنافية MARKET MADE I 2 للمناه شار يا الله الخطية الله الأوالية الأوالية الأوالية المناز المناز المان والمائلات المار والمتكسسة التياري كالرابية بالراكية الرابع بن الأراكية بالشراء المن المن المنه بلك فوا الله و الله و الله و الله و الله و الله والموارج الاستنفاري المتكلات المستنفي المساور تبسيع الما الفائل الفاراني الما مسقو ال مسالية بعد الله الأناها والوصافة المال 20.2 Remoralization of the This Earth far spott mo 10 wall 36, 12, 18 5., 5. um. .. untrimijus. Vas rikš as člasia a, rirog valgri šaristai, vetro po. Val realvesšen ib vo or larvia r or with the second second second second to the second of the second of the second or t ರ್ಷ ತರ್ವ ಅವರ ರಾಜಕರ್ ಮತ್ತು ಮಾಡಿಕೆ ಮುಂದು ಕಾರ್ವಿಜ್ಯ .ಆ ರಜ್ 📭 ರಂಭ ಚರವಾದ ಸಮತ್ರ ಕೂಡುಕ್ಕೆ ಕಡೆಗಳು ಕಡುಪ್ರವಾಗ ಕರ್ಕಾರಿಯು, ೧೯೩೯೦ ಸರ Plastin as the location of densitiently by emiliar that it can be visited in the contract of the state.

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES .	CAPACITY
Paul G. Bauer	Transitman
Dan V. Coleman	Chainman (notekeeper)
Douglas L. McInelly	Chainman
Arnold Mann	Plagman
Jerald V. Thompson	Cornerman

	······································

CERTIFICATE OF CADASTRAL ENGINEER

I,	Boyd S. Owens		, HEREBY	CERTIFY upon honor that,
pursuance of spe	ecial instructions bearing date of the	5th	day of	May ,
I have surveyed	a portion of the subdivision	of T. 10	S. R. 8 V	I.
			•	
			* ±	
of the <u>Salt</u>	Lake Meridian, in the State of		Utah	which
represented in th	he foregoing field notes as having be	en executed	by me and u	nder my direction; and
said survey has	been made in strict conformity with	said instru	ctions, the M	anual of Instructions for
Survey of the P	ublic Lands of the United States, an	d in the spe	ecific manner	described in the f
field notes.				
Salt Lake Cit	ty, Utah		Bod	P. Operation
January 20, 1	1961	· 1 · 1 · 1	S. Owens.	Cadastral Respons
	CERTIFICATE	OF APPRO	OVAL	
		Bureau o	F LAND MAN	AGEMENT,
		Washingt	on, D. C.,	JUN 27 1962 , 19
The foregoin	ng field notes of the survey of a po			ision of T. 10 S.
_	SLM., Utah,			
		••		
executed by	Bowd S. Owens, Cadastra	1 Surveyor		
-	ically examined and found correct,	are hereby a	pproved.	
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4--679 (Sentember 1948)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

Survey commenced July 19 19 60

Survey completed July 29 , 19 60

FIELD NOTES OF THE SURVEY OF A PORTION OF THE SUBDIVISION AND THE DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION ____OF TOWNSHIP 11 SOUTH, RANGE 8 WEST Of the Salt Lake Meridian, In the State of Utah EXECUTED BY Boyd S. Owens, Cadastral Surveyor Under special instructions dated May 5, 1960, which provided for the surveys included under Group No. 438 approved May 18, 1960 and assignment instructions dated May 18 , 19 60

INDEX DIAGRAM

Townsh	<i>ip</i> 11 So	uth	., Range	8 West	
•	*	4	8	7 2 6 9	9 1 11
7		9	10	5 11	8 18 3 3
18	17	16	15	14	2 18
19	20	21	29	28	94
30	ЯÐ	28	27	26	25
31	82	88	84	88	86

GPG 86611

Township 11 South 10 2 8 West

Chains

The north boundary was surveyed by J. Gorlinski in 1875 and independently resurveyed by Clark and Bird in 1947, as shown upon the township plat of T. 10 S., R. 8 W., approved September 27, 1948. The south boundary, a portion of the east and west boundaries and a portion of the subdivisional lines were surveyed by J. Gorlinski in 1876, and shown upon the township plat of T. 11 S., R. 8 W., approved April 30, 1877. The east boundary was resurveyed and completed by Miller and Hayes in 1915, and shown upon the township plat of T. 11 S., R. 7 W., approved June 27, 1916. The west boundary was resurveyed and completed by Vincent et al in 1936, and shown upon the township plat of T. 11 S., R. 9 W., accepted January 18, 1939.

The following field notes are those of a resurvey and survey of a portion of the subdivisional lines of T. 11 S., R. 8 W.

The survey was executed with a W. & L. E. Gurley solar transit No. 591189 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

The directions of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

Before restoring the corners, the lines of the original survey were retraced, and diligent search made for any evidence of the original corners, bearing trees, and other calls of the original field note record. When duly identified the corner positions were remonumented and new accessories taken.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner locations, but not until exhausting every reasonable possibility of finding direct evidence for the control of each particular corner. The true lines, thus adjusted to the identified original evidence, were duly run and marked through the timber.

The retracement data were submitted for office examination and verification prior to the conclusion of the field work. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed resurvey and survey of a portion of the subdivisional lines of T. 11 S., R. 8 W. All lines of the original survey are run in accordance with the intent of the special instructions.

المناف المستوار المستوار

		Township 11 South, Range 8 West
	Chains	
	314 2 3144 327 12 221 32 23 24 24 24 24 24 24	The geographic position for the cor. of sections 12 and 13 on the eas boundary of the township is in latitude 39° 52' 20" N. and longitude 112° 41' 09" W. as scaled from U. S. G. S. topographic sheet.
į		The magnetic declination was read at a number of stations throughout these sections and the average of the several readings was found to be 16° 50' E.
	· · · · · · · · · · · · · · · · · · ·	The state of the s
		Dependent Resurvey of a Portion of the Subdivision, T. 11.S., R. 8 W.
		Reestablishment of survey executed by J. Gorlinski in 1876.
	. 11181 11181	Beginning at the cor. of secs. 13, 14, 23 and 24, monumented by a stone, 20x12x12 ins., firmly set and plainly mkd.
	3b:	At the same location
	5065 .	Set an iron post, 30 ins.long, 2½ ins. diam., 8 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
		or in the same in the control of the same same in the same same same same same same same sam
		$\frac{\$14}{\$23}$ $\frac{\$24}{\$20}$ $\frac{\$20}{\$20}$
	e	Deposit the original stone cor. alongside the iron post.
		N. 0° 09' E., bet. secs. 13 and 14.
	l	Over gentle rolling desert land, through moderate low sage.
		Asc. 90 ft. over gentle S. slope.
		The & sec. cor. of secs. 13 and 14, monumented by a stone, 12x10x8 if firmly set and plainly mkd.
	ا ما الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الماد الم	At the same location
		Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
		has a sum with the first term of the sum of
		Deposit the original stone cor. alongside the iron post.
	ينى داش با	о 1994 — В и Биль _в об With в Син и Биль (1944) — 1915 <u>— 1915 г. — 1915 г. — 1915 г. — 1915 г. — 1915 г. — 1915 г. — 1915 г. — 1915 г. — 1916 г</u>
		N. 0° 25' E., bet. secs. 13 and 14, beginning new measurement.
		Over gentle rolling desert land, through moderate low sage.
	1.80	Small wash, drains SE. from N. irregularly; asc. 40 ft. over gentle S. slope.
		المنافرة الم
	25,00	Road, bears NW., and SE.; asc. 30 ft. commission of the commission
	40.03	Point for the cor. of secs. 11, 12, 13 and 14, at proportionate dist. there is no remaining evidence of the original stone cor.
		At the cor. point

The second production of the Subdivises I. Il S., R. & W.

Set an iron post, 30 ins. long, 24 ins. diam., 8 ins. in the ground and in a mound of stone, 31 ft. base to top, with brass cap mkd.

> TIIS ROW 511 512 S14 S13 1960

Land, gentle rolling desert land. Soil, shallow clay and gravel. Timber, mone.

Chains

7.20

26.00

36.00

Undergrowth, moderate to heavy brush.

M. 2° 21' E., bet. secs. 11 and 12,

Over gentle rolling desert land, through heavy sage.

- 1.60 Mash, 50 lks. wide, 3 ft. deep, drains S. 10° E.; asc. 30 ft. over gentle S. slope.
- Road, bears N. 70° W. and S. 70° E.; asc. 10 ft.
- 9.20 Wash, 20 lks. wide, 4 ft. deep, drains S. 30° E.; asc. 60 ft.
- Wash, 30 lks. wide, 3 ft. deep, drains SE.; asc. 10 ft.
- Same wash as one at 26.00 chs. drains SW., on bend to SE.; asc. 20 ft. 31.00
- 40.07 The & sec. cor. of secs. 11 and 12, monumented by a stone, 14x16x14

At the same location

ins., firmly set and plainly mkd.

Gully, drains SE.; asc. 20 ft.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground and in a mound of stone, 31 ft. base to top, with trass cap mkd.

TIIS ROW S11 S12

Deposit the original stone cor, alongside the iron post.

The cor. is located on the W. bank of gully draining S.

Beginning at the cor. of secs. 12 and 13 on the E. bdy, of the Tp. monumented by a 3 in. iron post, set, mkd. and witnessed as described in the official record.

N. 88° 56' W., bet. secs. 12 and 13.

Over gentle rolling desert land, through heavy brush.

Asc. 10 ft.

- Bead of draw, drains S. 7.00
- 12.40 Draw, drains S.; desc. 10 ft.
- 20.40 Gully, drains S.; desc. 10 ft.
- 23.60 Small wash, drains S.; desc. 10 ft.

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... . Mendent and All To Portion of Rank of the B. T. Has. a R. 8 W. Chains 27.40 go an ac List for the action of the control of the Small wash, drains S.; desc. 30 ft. 33.50 Unimproved road, bears N. 20° W. and S. 80° E. 36.80 38.20 Wash, drains S. The & sec. cor. originally set to function as the cor. of secs. 12 39.32 and 13, monumented by a stone, 24x12x12 ins. firmly set and plainly mkd. This cor. now functions as the & sec. cor. of sec. 13 only. الأسار كالكالم الراب كالكارات المتبكي المحتط المرا At the same location Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 32 ft. base to top, with brass cap mkd. T115 R8W ½ S13 1960 Deposit the original stone cor. alongside the iron post. المين التي<u>ام الذي في الأسلام التي المنطوع المال أن منا المنطوع المناسبة المناسبة المناسبة المناسبة المناسبة ال</u> N. 89° 01' W., bet. secs. 12 and 13, beginning new measurement. Over gentle rolling desert land. Point for the & sec. cor. of sec. 12 at 40.00 chs. westing from the .69 sec. cor. of secs. 12 and 13 on the E. bdy. of the Tp. الكام الكائد المائل بالكام الملك المقد التابح المائقة كالمامقية الماسويات Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the with brass cap mkd. T11S R8W 1960 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. 5.60 Wash, drains S.; desc. 20 ft. 7.30 Road, bears N. 10° E. and S. 10° W. E. Communication of the state of t 22.50 28.60 Small wash, drains S. 34.90 Road, bears N. 10° E. and S. 10° W. 38.40 39.00 39.56 The cor. of secs. 11, 12, 13 and 14, heretofore described. Land, gently rolling desert. Soil, shallow clay and gravel. ويوسان المناصيح التنفلسة الم Timber, none. Undergrowth, moderate to heavy brush. أعلامها الشعنشية المع الأعامي بالاستفيآ ,5% (3),60); en endem , colors From the cor. of 11, 12, 13 and 14. التسميد الالفهدي الأكانتينية المهاج

N. 89° 07' W., bet. secs. 11 and 14.

U. S. GOVERNMENT PRINTING OFFICE 16-28520-2 1-1

Dependent, Resurvey; Portion of Subdivision, T. 11:8. ... R. 8 W. Chains Over rolling desert land through heavy brush, Desc. 10 ft. Small wash, drains S. 20° W. 6.70 Road, bears N. 30° W. and S. 30° E.; desc. 10 ft, over gently rolling 9.50 land, S. drainage and exposure. Road, unimproved dirt, bears N. 60° W. and S. 60° E. 30.70 35.40 Small wash, drains S. Wash, 30 lks. wide, 1 ft. deep, drains S. 39.40 39.82 The & sec. cor. of secs. 11 and 14, monumented by a sandstone, 16x12x8 ins., firmly set and plainly mkd. At the same location Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd. TIIS R8W 100 pure 1 1 1 2 2 , 1960 gg g Deposit the original stone cor. alongside the iron post. N. 88° 58' W., bet. secs. 11 and 14, beginning new measurement. Over gentle rolling desert land, through heavy brush. Desc. 30 ft. 19.40 Small wash, drains S. 27.40 Road, bears N. and S. 10° E.; desc. 10 ft. 40.14 The cor. of secs. 10, 11, 14 and 15, monumented by a large stone, 36x36 ins., 8 ins. above the ground, firmly set and plainly mkd. Unable to move the cor. stone. Set a brass tablet, 31 ins. diam., 32 in. stem, in drill hole on top of the original stone cor., with cap mkd. T11S R8W S10 S11 S15 S14 1960 Raise a large mound of stone W. of cor, Land, rolling desert. Soil, shallow clay, gravel and rocks. Timber, none. Undergrowth, heavy brush. From the cor. of secs. 10, 11, 14 and 15. N. 0° 07' E., bet. secs. 10 and 11. Over rolling desert land.

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- That for the Residual Angle Portion of the Professional Page 114 (4 februi W.

2414

Chains Road, bears En and W. Valong beach stope; asc. 100 ft. over rolling \$. 15.80 slope. Road; bears No. 30° W. and S. 30° E. 38.70 The & sec. cor. of secs. 10 and 11, monumented by a stone, 12x8x6 ins 40.14 firmly set and plainly mkd. At the same location Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd. T118 R8W \$10\S11 Deposit the original stone cor. alongside the iron post. N. 0° 08' W., bet. secs. 10 and 11, beginning new measurement. Over rolling desert land, through heavy brush. Asc. 10 ft. over gentle S. slope. 5.60 Gully, bears NW. and SE.; asc. 170 ft. over rolling desert land, S. drainage and exposure. 40.17 The cor. of secs. 2, 3, 10 and 11, monumented by a sandstone,20x12x8 ins., firmly set and plainly mkd. At the same location Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd. T11S R8W S 3 S 2 810 S11 1960

> Deposit the original stone cor. alongside the iron post. Land, rolling desert.

East, bet. secs. 2 and 11.

Wash, 50 lks. wide, 3 ft. deep, drains S. 10° W.; asc. 50 ft. over W. slope.

Timber, widely scattered juniper on N. portion.

Soil, shallow clay loam and gravel.

From the cor. of secs. 2, 3, 10 and 11.

Over low rolling spurs through scattered juniper.

Desc. 10 ft. over E. slope.

7.60

12.00

Spur, slopes S.; desc. 10 ft. over gentle 52. slope.

Wash, drains SW.; asc. 20 ft. over NW. slope. 16.90 Spur, slopes SW.; desc. 10 ft. over SE. slope. 32 (a. 20.00

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Resurvey Forsion of Subdivision T. 11VSV R. 8 W.
  Chains
 23.80. Bottom of hollow, drains 8. 20% W.; asc. 40 ftt over W. slope.
         Jeep road, bears N. 10° E. and S. 10° W., along small finger spur
 29.80
         sloping S.
                      المنتاني المستماع والمنافو والمنافية والمنافية والمنافية والمنافية والمنافية
         Wash, drains S.; asc. 10 ft. over W. slope.
 36.30
                          . Sand is a contract on the same is
 38.00
         Top of ascent, bears N. and S.
 211. NO.
         المطاور والمراج المراجعة والمساورة والمساور المساور المساور المساورة
                                               ್ಕಾರರಲ್ಲಿ ಬಹಿಸಿದ ಮು
        Point for the k sec. cor. of secs. 2 and 11 at record course and dist.
 40.00
        there is no remaining evidence of the original stone cor.
        At the cor. point
        Set an iron post, 30 ins. long, 2\frac{1}{2} ins. diam., 10 ins. in the ground and in a mound of stone, 3\frac{1}{2} ft. base to top, with brass cap mkd.
                                       T11S R8W
                                       \frac{1}{4} \frac{S}{S11}
                    .5. . .:: . . . .
                                         1960
                                                    and it on in
       From the cor. of secs. 2, 3, 10 and 11, hereinbefore described.
                                         . . 10 1
        North, bet. secs. 2 and 3,
        Over rolling foot hills through scattered juniper.
        Asc. 60 ft. over S. slope.
13.30
        Small wash, drains S. 10° W.; asc. 40 ft.
        Gully, drains S. 10° W.; asc. 60 ft. over rolling land, S. drainage
20.80
        31.90
       Small wash, drains S. 20° W.; asc. 40 ft.
40.00
       Point for the & sec. cor. of secs. 2 and 3, at record course and
       dist.; unable to locate the original stone cor. The bearing trees,
       as recorded in the official record, do not in any way check and were
       not considered as evidence in restoring this cor.
       At: the corpoint con the contract of the
    Set an iron post, 30 ins. long, 21 ins. diam., 10 ins. in the ground
       and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
       and the amount of the first product of the control of the north
                                      T11S R8W
                                       S 3 S 2
       ter e. want tan tan
                                       Deface the original bearing trees.
                - None - to a second second the term
           Survey of a Portion of the Subdivision of T. 11 S., R. 8 W.
                game is noted to be the
       From the 1 sec. cor. of secs. 2 and 3.
                 N. 0° 02' W., bet. secs. 2 and 3, beginning new measurement.
                  السواد والعالم وأورا وأن ووار والسور بيني الراوط علمًا
       Over rolling land, through moderate juniper.
      By triangulation; asc. 150 ft. over rolling land putting SW.
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41.58

2 and 11.

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Survey, Portion of Subdivision, T. 11/Su, R. 8 Wm
 Chains
       End. of triangulation con spur sloping SW.; desc. 20 ft. sover NW., slope
23.00
30.00
       Gully, drains SW.; asc. 40 ft. over gentle SE. slope.
34.40
       Point for the 1/16 cor. of secs. 2 and 3.
40.00
                                     الراك يلاكي الأنسيك أنين الملاي
       Set an iron post, 30 ins. long, 2\frac{1}{2} ins. diam., 8 ins. in the ground
       and in a mound of stone, 3 ft. base to top, with brass cap mkd.
                                    T11S R8W
                                      1/16
                                     S 3 S 2
                                      . 80
                                     . 19605€ .
       Asc. 60 ft. over SW. slope.
49.50
       Top of ascent, bears NE. and SW.; desc. 20 ft. over N. slope.
50.20
       Intersect the Second Standard Parallel South at point for the closing
       cor. of secs. 2 and 3.
       Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
       and in a mound of stone, 4 ft. base to top, with brass cap mkd.
                                              . 25 G . 5 G . 25 G
                                    TIOS R8W
                                      __S35
                                      S 3 S 2
                                      CC.
                                                   • 5 i.
                                    T11S R8W
                       .51 . .5. j. °1960
       From this cor., the standard cor. of secs..34 and 35, T. 10 S., R.8
       which is an iron post, 2 ins. diam., set, mkd. and witnessed as
       described in the official record, bears W. 3.80 chs. dist.
       Land, rolling.
       Soil, rocky clay loam.
       Timber, moderate juniper on N. 51:00 chs. 2 .....
                   . a sa misa misa sana mia kana misa
       From the & sec. cor. of secs. 11 and 12, previously described.
       N. 0° 01' W., bet. secs. 11 and 12, heginning new measurement.
                       Bord out with the about the same want of
       Over rolling land, through widely scattered juniper and heavy brush.
       Asc. 10 ft. over S. slope.
5.40
       Wash, 20 lks. wide, 3 ft. deep, drains irregularly S.; asc. 80 ft.
       over S. slope.
                                                     المناء فتنا
15.90
       Base of steep ascent; asc. 250 ft. over S. slope.
31.40
       Rocky knob on spur sloping sharply S. 30° E. from N. 30° W.; desc.
       100 ft. over rocky NE. slope. 3 how a little of the process
38.29
       Point for the closing cor. of secs. 1 and 12, hereinafter described.
                          Cont. along the E. bdy. of sec. 11; desc. 30 ft.
```

Point for the cor. of secs. 2 and 11, E. of the 2 sec. cor. of secs.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

الإنجاز المستثلث المستداع الفينك لقائد الدراء الصكاد إركبتها بالكاما

24

	Survey, Portion of Subdivision, T. 11.5., R. 8.W.
Chains	
	$\frac{S}{S11} S \frac{2}{S11} \frac{1}{S$
o in the contract of the contr	Land, rolling desert on S.055.00 chs., mountainous on remainder. Soil, rocky clay loam and gravel. Timber, widely scattered juniper on N. & mile. Es scard direction of the control of the formula his meaning and the formula h
	From the cor. of secs. 2 and 11 on the W. bdy. of sec. 1.
	West, bet. secs. 2 and 11.
	Over mountainous land.
(·1: ·	Asc. 100 ft. over E. slope.
7.30	Spur, slopes S. 30° E.; desc. 120 ft. over W. slope.
15.60	Wash, drains S.; cont. over low rolling spurs, through widely scattered junipers; asc. 30 ft. over E. slope.
19.70	Road, bears N. and S.; desc. 20 ft. over rolling S. slope.
32.30	Wash, 30 lks. wide, 2 ft. deep, drains S. 15° W.
36.10	Wash, drains S.; asc. 10 ft. over E. slope.
41.72	The 1 sec. cor. of secs. 2 and 11, hereinbefore described.
s , 126 J	Land, mountainous on E. 15.00 chs., rolling foot hills on remainder. Soil, rocky clay loam and gravel. Timber, widely scattered juniper.
.a. 1.	Brown the control of
• • •	From the cor. of secs. 2 and 11 on the W. bdy. of sec. 1. N. 0° 01' W., bet. secs. 1 and 2.
	Over rolling mountainous land, through scattered juniper.
2.00	Road, bears N. 20° W. and S. 20° E.; asc. 10 ft. over S. slope.
4.60	Wash, 30 lks. wide, 2 ft. deep, drains S. 20° E.; asc. 80 ft. over rolling land along the E. side of small wash, draining S.
16.40	Small wash, drains SW. circling to S.; asc. 130 ft. over rolling land through moderate juniper, S. drainage and exposure.
30 .70	Spur, slopes SW.; desc. 10 ft. over gentle NW. slope.
32.70	Small gully, drains SW.; asc. 20 ft. over gentle SW. slope.
36.71	Point for the & sec. cor. of sec. 1 at 40.00 chs. N. of the closing cor. of secs. 1 and 12.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.
ù . 33	T11S R8W The same of the same
	from which

74.40

80.00

Survey, Portion of Subdivision, T. 11 S., R. 87 W.

Chains A jumiper, 8 ins. diam., bears N. 29° 45' R., 0.43 lks. dist., mkd. TllS RSW & S1 BT. Asc. 30 ft. Point for the & sec. cor. of sec. 2. 40,00 Set an iron post, 30 ins. long, 22 ins. diam., 13 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.

T11S R8W

S 2

from which

A juniper, 8 ins. diam., bears N. 35. 44'. W., 0.18 lks. dist., mkd. Tlls R8W & S2 BT.

.1 . 5 1.

Asc. 90 ft. over SW. slope.

Top of ascent, slopes SW.; desc. 10 ft. over NW. slope. 49.10

Gully, drains SW.; asc. 60 ft. over rolling land, SW., drainage... 51.00

Draw, drains SW.; asc. 150 ft. over rolling land. 56.90

67.40 Gully, drains SW.; asc. 140 ft.

Spur, slopes SW.; desc. 40 ft. over N. slope. 72.40

Point for the 1/16 cor. of sec. 1 at 80.00 chs. N. of the closing co 76.71 of secs. 1 and 12.

Draw, drains S. 80° W.; asc. 30 ft. over SW. slope. .

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 32 ft. base to top, with brass cap mkd.

1/16 S. 1. R8W 80 **1960**

Point for the 1/16th cor. of sec. 2

Asc. 40 ft. over SE. slope.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.

. 1960

T11S 1/16 S 2 R8W 80

Asc. 10 ft.

Spur, projects S. 70° W. about 5.00 chs. to end; desc. 20 ft. over 80.30

NW. slope.

81.70 Draw, drains S. 70° W.; asc. 140 ft. over SW. slope.

Intersect the Second Standard Parallel South at point for the standard cor. of secs. 1 and 2. 90.17

Survey, Portion of Subdivision, T. 1125., R. 8.W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T10S R8W S36

S 2 S 1 T11S

C 4 4 4 4 5

From this cor. the standard cor. of secs. 35 and 36, monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record, bears W. 5.57 chs. dist.

Land, rolling, mountainous.

Soil, rocky clay loam and gravel.

Timber, moderate jumiper.

.50 00 ;.

where for a same

The point for the N. & sec. cor. of sec. 1 is 40.00 chs. W. from the closing cor. of Tps. 11 S., Rs. 7 and 8 W.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.

k S 1 T11S R8W 1960

From the N. & sec. cor. of sec. 1 the standard & sec. cor. of sec. 36, T. 10 S., R. 8 W., bears W. 2.64 chs. dist.

The point for the N. k sec. cor. of sec. 2 is 40.00 chs. E. from the closing cor. of secs. 2 and 3.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground and in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

₹ S 2 T11S R8W

From the N. & sec. cor. of sec. 2, the standard & sec. cor. of sec. 35, T. 10 S., R. 8 W., bears W. 3.80 chs. dist.

From the cor. of secs. 1 and 12 on the E. bdy. of the Tp., which is monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.

West, bet. secs. 1 and 12.

Over rolling foot hills, through heavy brush.

Desc. 10 ft. over W. slope.

1.80 Wash, 20 lks. wide, 3 ft. deep, drains S.; asc. 10 ft. over E. slope.

3.60 Low spur, slopes S.; desc. 20 ft. over W. slope.

9.20 | Small gully, drains S. 30° W.

Chains	Survey, Portion of Subdivision, T. 11.54. R. S. W.
	Chains
9.70	Jeep road, bears N. and Si , we have the jos of nour medical control of the contr
15.20	Gully, drains S.; asc. 20 ft. over rolling land.
22.40	Gully, drains S.; asc. 20 ft. over E. slope.
27.80	Top of ascent, bears NW. and SE.; desc. 40 ft. over SW. slope.
33.40	Wash, 20 1ks. wide, 4 ft. deep, drains S.; asc. 10 ft. over E. slo
35.40	the a cost, which the time, a by the action as well as
38.00	Jeep road, bears N. and S. along small finger spur, sloping S.
40.00	Point for the 1 sec. cor. of secs. 1 and 12. miner of the
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the groun and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	Tlls R8W
V. 1	. The contraction of the contra
	The cor. is located on gentle E. slope.
· · · · · ·	Asc. 40 ft. over E. slope
44.00	Spur, slopes S. 15° E.; desc. 40 ft. over SW. slope.
52.40	Draw, drains S. about 5.00 chs. dist. to pond at Antelope Springs; cont. along rolling S. slope.
56.30	Spur, slopes S.; desc. 40 ft. over W. slope.
60.30	Draw, drains S. 10° E., about 7.00 chs. dist. to pond at Antelope Springs; asc. 40 ft. over E. slope.
62.30	Jeep road, bears N. and S.; desc. 50 ft. over W. slope.
71.40	Road, bears NW. and SE.; desc. 10 ft. over SW. slope.
74.80	Wash, 30 lks. wide, 1 ft. deep, drains S. asc. 60 ft. over NE. sl
77.33	Intersect the E. bdy. of sec. 11 at point for the closing cor. of secs. 1 and 12.
1. i .	Set an iron post, 30ins. long, 2½ ins. diam., 12 ins. in the groun and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	ور يوه شي مر. از . Raw الله الله الله الله الله الله الله الل
İ	$\mathbf{S11} \left \frac{\mathbf{S}}{\mathbf{S12}} \frac{1}{\mathbf{C}} \right $
,	1960
44. <u></u>	From this core the core of soos. 2 and 11, providing the design of
- 1	From this cor., the cor. of secs. 2 and 11, previously described, bears N. 0° 01' W., 3.29 chs. distaction and no bedieved
	Land, rolling foot hills one if .about .3ad ,3ad ,3ad ,3ad ,3ad ,3ad ,3ad ,3ad ,
	Treats. 13 sts. 2007 1.
I	1.50 Wash, 20 1ms. wide, C nt. may, drains des at at nt. w.
1	3.60 Saw sping singles 8.1 to contact the contact of the contact o

Township 11 South, Range 8 West

Chains

General Description

Sections 1, 2, 11 and 12, T. 11 S., R. 8 W. are located in the foot hills and on the extreme south end of the Simpson Mountains. The land varies from rough and mountainous in the northern portion of section 1, and the northeast part of section 2, to rolling foothills giving way to gentle rolling desert land in sections 11 and 12. There is a moderate to heavy growth of juniper on the mountain areas becoming scattered on the foothills, and heavy brush, bunch grass and shadscale on the desert land.

Mining has been carried on in section 2, primarily in the northeast quarter, and several prospect holes were noted in section 1. At the present time there is no mining activity. The primary interest is the grazing of livestock as a continuous water supply is furnished by Antelope Springs located in the northwest quarter of section 12.

There are several access roads into the area, some of which have recently been extended and improved. The numerous draws, washes and gullies, which drain the land south, make periodic road maintenance necessary.

Chains	Julian Caracter Transfer	Chains
	Acadoptosot, Astonofe	
	Sections 1, Zy 11 and 12, T. 21 3., o	· " •
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4-680 Feb., 1950)

A PERMIT AND THE STREET

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Paul G. Bauer	Transitman
Dan V. Coleman	Chainman (notekeeper)
Douglas L. McInelly	Chainman
Arnold Mann	Flagman
Jerald V. Thompson	Cornerman, axeman
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	· · · · · · · · · · · · · · · · · · ·
a I	

16-68565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens	HEREBY CERTIFY upon honor that,
pursuance of special instructions bearing date o	f the
I have surveyed a portion and	surveyed a portion of the subdivisional
of T. 11 S., R. 8 W.	
of the Salt Lake Meridian, in the Sta	te of, which
represented in the foregoing field notes as having	ng been executed by me and under my direction; and ${}^{\scriptscriptstyle \parallel}$
said survey has been made in strict conformity	with said instructions, the Manual of Instructions for
Survey of the Public Lands of the United State	s, and in the specific manner described in the $\mathbf{f} \in \mathbb{R}^p$
field notes.	
Salt Lake City, Utah	Coyd ! O
January 20, 1961	Boyd S. Owens, Cadastral Surveyor
The foregoing field notes of the survey of	Bureau of Land Management, Washington, D. C., JUN 28 1962, 19 resurvey and survey of a portion of the
	W., Salt Lake Meridian, Utah
executed by Boyd S. Owens, Cadastra	l Surveyor
having been critically examined and found cor	тесt, are hereby approved.
	CEX -
	Chief, www.sion hi controls
_	
CERTIFICA	TE OF TRANSCRIPT
I CERTIFY that the foregoing transcript of	the Paris to the Petral County, the Petral County of the C
, is a true copy o	of the original field notes.
and the second s	and statements

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

REDE	SIGNATION OF CORN	NERS
ALON	G THE WEST BOUNDA	ARY
pai	AND	
SURVEY	OF THE SOUTH BOUN	IDARY
••••	AND	
A PORTION O	F THE SUBDIVISION	AL LINES
Т.	18.S., R18.E.	
Of the	Salt Lake	
r the State of	Utah	
FY	ECUTED B	v
	CECOTED B	ī
red R. Chappell, A. D. Griffin, and and a supervision of:	nd G. B. Hatch -	Crew Chiefs
George D. Voorhees, Cadast	ral Surveyor in 1	L960
nder special instructions dated	Bebruary 11	, 19.6Q, which provided
or the surveys included under Gro	up No399	, approvedFebruary23,1960.
nd assignment instructions dated	April 14 July 1	1960 19 60 and
nd assignment instructions dated	April 25	1961
Survey commenced	August 19	, 1960.
Survey completed	May 16	, 19.61

INDEX DIAGRAM

Townsh	ip	18 So	uth			., F	Range .	18 East	
6	4	8		4			8	2	1
7	4	8		9			10	11	19
18	3	17	14	16		12	15	14	18
19	3	20		91	11	•	22	28	94
80	2	99 16		28	1.3		27 :	26	25
81.	2	82	15	88		10	84	85	8 26
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GPG 866116

Chains

The west boundary of T. 18 S., R. 19 E. was originally surveyed by A. J. Stewart Jr., in 1901. The east boundary of T. 18 S., R. 17 E. was originally surveyed by J. C. Clark in 1920.

The west boundary of T. 18 S., R. 19 E. was dependently resurveyed concurrently by A. D. Griffin, under this same survey group. In this work the reestablished corners now refer to R. 19 E. only, and new corners are established along this line referring to R. 18 E. only.

In the present work field investigation disclosed an anticipated longitudinal width of less than five miles between the east and west boundaries of T. 18 S., R. 18 E.; therefore, in accordance with the provisions of the special instructions for Group 399, Utah, corner monuments along the west boundary of T. 18 S., R. 18 E. are altered so as to eliminate the usual 6th Meridional tier of sections. The present work also embodies a survey of the south boundary and a portion of the subdivisional lines of T. 18 S., R. 18 E. situated south of the Uintah and Ouray Indian Reservation boundary. These limited surveys are deemed sufficient to facilitate the development of natural resources and to mark the boundaries of those sections that are normally considered state school sections.

The survey was executed with a W. & L. E. Gurley solar transit No. 541330 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines by traverse or triangulation are approximately as scaled from Soil Conservation Service planimetric maps. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 12' 31.671" N. and longitude 109° 52' 28.940" W. as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 30° E.

Redesignation of Corners along W. Bdy., T. 18 S., R. 18 E.

Chains

Redesignation of Corners along W. Bdy. T. 18 S., R. 18 E.

Field investigation disclosed an anticipated longitudinal width of less than five miles bet. the E. and W. bdrs. of T. 18 S., R. 18 E.; therefore, in accordance with the provisions of the special instructions for Group 399, Utah, corner monuments along the W. bdy. of said T. 18 S., R. 18 E., are altered so as to eliminate the usual west range of secs. as follows:

The original cor. of Tps. 18 and 19 S., Rs. 17 and 18 E., monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as descin the official records, now reads

T18S R17E R18E S36 S32 S 1 T19S R17E 1920 1960

The original ½ sec. cor. of secs. 31 and 36, monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, now reads

\$36 | \$32 1920 1960

The original cor. of secs. 25, 30, 31 and 36, Tps. 18 S., Rs. 17 and 18 E., monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record, now reads

T18S R17E R18E S25 S29 S36 S32 1920

The original & sec. cor. of secs. 25 and 30, monumented with an irpost, 1 in. diam., set, mkd. and witnessed as described in the official record, now reads

\$25 | S29 1920 1960 Redesignation of Corners along W. Bdy. T. 18 S., R. 18 E.

Chains

The original cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record, now reads

The original k sec. cor. of secs. 19 and 24, monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, now reads

The original cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record, now reads

The original $\frac{1}{6}$ sec. cor. of secs. 13 and 18, monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, now reads

The original cor. of secs. 7, 12, 13 and 18, monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record, now reads

The original & sec. cor. of secs. 7 and 12, monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, now reads

Redesignation of Corners W. Bdy. T. 18 St., R. 18 E.

Chains

The original cor. of secs. 1, 6, 7 and 12, monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record, now reads

The original & sec. cor. of secs. 1 and 6, monumented with an inpost, 1 in. diam., mkd. and witnessed as described in the official record, now reads

The original witness cor. of Ts. 17 and 18 S., Rs. 17 and 18 E., monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record, now reads

The true point for the cor. bears N. 0.41 chs. dist.

Survey of the South Bdy. of T. 18 S., R. 18 E.

Beginning at the point for the closing cor. of Tps. 18 and 19 S., R. 18 E., which is a point 387.41 chs. E. of the Tp. cor. of Tps. 18 S., Rs. 17 and 18 E.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. in **d1am**., 8 ins. in the ground, to bedrock, and in a mound of stone $3\frac{1}{2}$ ft. base, to top o post with brass cap **m2d**.

Survey of the South Bdy., T. 18 S., R. 18 E.

	Survey of the South Edy., T. 18 S., R. 18 E.
Chains	
	From this closing cor. the sec. cor. of secs. 30 and 31, T. 18.S., R. 19 E., monumented with an iron post, 1½ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the W. bdy. of T. 18 S., R. 19 E., bears N. 0° 04' E., a dist. of 1.39 chs.
	West along the Sr bdy. of seco.360 onto rote training the
, , , , , , , , , , , , , , , , , , ,	Over broken, mountainous land through medium pinon and juniper timber; by triangulation.
	Desc. about 300 ft. over broken W. slope.
5.30	Approximate dist. to head of draw, drains S.; asc. about 300 ft. over E. slope.
28.20	End of one triangulation spur projects S., beginning of another triangulation.
<u>.:</u> .	Desc. about 350 ft. over broken ledges 10 ft. to 50 ft. high, bearing irregularly N. and S.
35.00	Point selected for the witness & sec. cor. of sec. 36.
.:	Set an iron post, 30 ins. long, 2½ ins. diam., on solid stone and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
	T18S R18E W <u>}</u> S36
	1960
35.10	Approximate dist. to head of canyon drains S.; asc. about 300 ft. over E. slope.
40.00	Point for the 2 sec. cor. of sec. 36 falls on sloping ledge where cor. cannot be perpetuated.
58.80	End of the triangulation on sandstone ridge, bears N. and W.; beginning of another triangulation, desc. about 400 ft. over steep NW. slope.
80.00	Point for the cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, 2½ ins. diam., on solid stone and in a mound of stone 4 ft. base to top of post, with brass cap mkd.
• 57 **	T18S R18E <u>S35 S36</u>
	1960 .:
	Land, mountainous, broken. Soil, rocky sand. Timber, medium growth of pinon and juniper.
. :	
	West along the Saibdy. of sec. 35.
	Over mountainous land through medium growth of pinon and juniper, by triangulation.
	Desc. about 130 ft. over abrupt W. slope.

		Survey of the South Advanta Tolls S. R. R. 18 E.	
	Chains	Ch a ins	
. 1	.5.10	Approximate dista to bottom of canyon drains SM.; asc. about 450 fo	۲.
		19 1., 1 transmer is no lower sleep, broken I. alme. who is had a second or second as described as the control of the control	1
	32.28	Top of ascent, projects \$1.10° E.; end of one triangulation, of another triangulation; desc. about 280 ft. over NW slope.	. 1
	39.50	Point selected for the witness kasec. cor. of sec. 35:	
• •	5 .: uŚ	Set an iron post, 30 ins. long, 2½ ins. dism., 6 ins. in the ground to bedrock and in a mound of stone 3½ ft. base to top of post, with brass cap mkd.	∄ h
		. 185 T185 R18E	
	. 1.,	grand and the state of the stat	
		C	Ì
	\$7.1 L	e in the second of the second	1
	40.00	True point for ½ sec. cor. of sec. 35, falls on ledge where cor. cannot be monumented.	
	50.00	Approximate dist. to bottom of draw, drains SW:; asc. about 200 ft over E. slope.	•
	62.00	Approximate dist. to spur, projects S.; desc. about 140 ft. over W.	:
		slope.	į
	78.10	Approximate dist. to bottom of canyon, drains S.; asc. about 50 ft over E. slope.	•.
	80.00	Point for the sec. cor. of secs. 34 and 35.	:
	•	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the groun to bedrock and in a mound of stone, 3½ ft. base to top of post, wi brass cap mkd.	
:	. agra i a	**************************************	:
		gan, the group of the weather with the 1960 do not that the discussion of the	
	and the		
		Land, mountainous. Soil, sandy, rocky. Timber, medium growth of pinon and juniper.	
	e el Len en el el	သည်။ ၁၈ ရှိနှစ်သည်။ နေသည်း ကေါင်းနေသည်။ အသည်း အသည်း သည်းသည်း သည်း သည်း လေဆည်း ရန်းသည်။ ၁၈ ရှိနှစ်သည် သည် သည်းသည်း ကောင်းသည်း သည် သည် သည် သည်းသည်။	:
		West, along the S. bdy. of sec. 34.	**
		Over mountainous land through medium growth of pinon and juniper.	mer m s sepren
		Asc. about 400 ft. over abrupt E. slope.	-
	10.20	Slope becomes gradual; asc. about 40 ft,	
	38.10	Top of ascent, bears NE. and SW.; desc. about 600 ft. over NW.	ij
	40.00	Point for the 1/2 sec. cor. of sec. 34, about 100 ft. below mesa top	٠.
		Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the groun to bedrock and in a mound of stone, 4 ft. base to top of post, brass cap mkd.	
	I see See See See See	· · · · · · · · · · · · · · · · · · ·	-
	(* **	je na mendije same i komen. Podrije komen distrika samboli sa sadovi se samboli i Podrije distrikti komentari i i	:

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Survey of the S. Bdy. of T. 18 S., R. 18 E.

Chains T18SR18E. Ł S34 1960 65.00 Slope changes to W. slope; desc. about 60 ft. 76.60 Wash, drains. N.; asc. about 10 ft. over E. slope. 78.20 Top of asc. bears N. and S.; desc. about 50 ft. over W. slope. 80.00 Point for the sec. cor. of secs. 33 and 34. Set an iron post 30 ins. long, 2½ ins. in diam. 4 ins. in the ground, to bedrock, and in a mound of stone 32 ft. base to top of post, with brass cap mkd. T18SR18E S33 S34 1960 Land: mountainous. Soil: sandy, rocky. Timber: medium growth of pinon and juniper. West, along the S. bdy. of sec. 33. Over mountainous land through a medium growth of pinon and juniper. Desc. about 20 ft. over W. slope. 3.60 Bottom of desc. bears N. and S.; asc. about 100 ft. over E. slope. Top of asc. bears N. and S.; desc. about 170 ft. over W. slope. 16.90 37.60 Bottom of desc. bears N. and S.; asc. about 30 ft. to 1/2 cor. 40.00 Point for the & sec. cor. of sec. 33. Set an iron post 30 ims.long, 2½ ins. in diam. on solid stone and in a mound of stone 4 ft. base to top of post, with brass cap mkd. T18SR18E ₹ S33 1960 Desc, about 210 ft. along N. slope. 53.60 Slope changes to NW slope; desc. about 100 ft. 65.00 Bottom of canyon, drains SW.; asc. about 160 ft. over SE slope. 79.60 Spur projects S.; desc. about 10 ft.

Point for the sec. cor. of secs. 32 and 33.

80.00

PO 896418

2:3

Survey of the S. Mar. of T. 18 S. R. H.

Chause

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. in diam., 6 ins. in the ground to bedrock and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd.

T185R18E

S32 S33

1960

Land: mountainous.

Soil: sandy, rocky.

Timber: medium growth of pinon and juniper.

West along the S. bdy. of sec. 32.

Over mountainous land through a medium of growth of pinon and junit desc. about 60 ft. over W. slope.

- 7.10 Draw, drains SE.; asc. about 30 ft. over E. slope.
- The closing Tp. cor. of Tps. 19 S., Rs. 17 and 18 E. monumented with an iron post 2½ ins. in diam. set, mkd. and witnessed as described in the field notes of the E. bdy. of T. 19 S., R. 17 E., executed concurrently under this same survey group.

Beginning of triangulation.

Asc. about 340 ft. over broken, E. slope.

- 1 25.00 Approx. dist to where slope becomes gradual; asc. about 70 ft.
 - 40.00 Point for the & sec. cor. of sec. 32., cor. not monumented.
 - End of one triangulation; top of asc. bears N. and S., beginning of another triangulation, desc. about 190 ft. over W. slope.
 - Approx. dist. to draw, drains SW.; asc. about 250 ft. over SE slope.
 - The cor. of Tps. 18 S., Rs. 17 and 18 E., monumented with a 3 in iron post, set, mkd. and witnessed as previously hereindescribed.

Survey of a Portion of the Subdivision of T. 18 S., R. 18 E.

From the cor. of secs. 35 and 36, on the S. bdy. of the Tp.

 $N.~0^{\circ}~03^{\circ}$ E. bet. secs. 35 and 36.

Over broken mountain land, covered with juniper and pinon. By triangulation with distances to topography estimated. Desc. 200 fover ladgy N. slope.

- 9.00 Wash in bottom of canyon, drains SW. from W.; asc. about 650 ft. over ledgy S. slope.
- Top of ridge, 30 lks. wide, bears E. and W. irregular; desc. 120 for over ledgy and steep N. slope.

A & CONTRACT PROPERTY OF THE LANGE THE PARTY OF THE PARTY

40.00 Point for the k sec. cor. of secs. 35 and 36.

Survey	of	8	Portion	of	the	Subdivision	of	T.	18 S.,	R.	18 E.	

•					-
	_		_	ŧ.	_
	·	'h		u	ш

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 8 ins. in the ground, to bedrock, and in a mound of stone $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.

Desc. about 700 ft. over steep and ledgy N. slope covered with juniper, pinon and oak brush. By triangulation.

74.00

Wash in bottom of canyon, drains W. irregular from NE.; asc. 100 ft. over rocky S. slope.

80.00

Point for the cor. of secs. 25, 26, 35 and 36.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 12 ins. in the ground to bedrock, and in a mound of stone 4 ft. base to top, with brass cap mkd.

T18S R18E <u>\$26</u> | <u>\$25</u> \$35 | \$36 19 | 61

from which

A juniper 8 in diam. bears N. 45° E., 5 lks. dist. scribed S25 BT

Land: broken mountain

Soil: gravel, rocks and ledges

Timber: juniper and pinon with oak brush undergrowth.

From the cor. of secs. 25 and 36 on the E. bdy. of the Tp. which is monumented with an iron post, $2\frac{1}{2}$ ins. diam., mkd., set and witnessed as described in the field notes of the dependent resurvey of the bdy of T. 18 S., R. 19 E., executed concurrently under this same group.

 $N.~89^{\circ}~48'~W.$ bet. secs. 25 and 36,

Over broken mountainous land, covered with juniper and pinon; asc. 15 ft. over E. slope of small spur in bottom lf large draw.

.20 2.30

Small spur, slopes N.; desc. 30 ft. over W. slope of spur. Gully, drains N.; asc. 400 ft. over steep and broken $E.\$ slope.

10.90

Slope changes; asc. 110 ft. along broken N. slope.

16.20

Spur, slopes sharply N., desc. about 400 ft. over ledgy W. slope; by triangulation.

34.10

Draw, drains N.; asc. 150 ft. along steep N. slope.

40.05

Point for the k sec. cor. of secs. 25 and 36.

Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 12 ins. in the ground, rock, and in a mound of stone 4 ft. base, to top, with brass cap mkd.

T18S R18E \$ \$25 \$36 1961 -678 b

Set an iron post 30 ins. long, 2½ ins. diam., 6 ins. in the ground, to bedrock, and in a mound of stone 4 ft. base, to top,

with brass cap mkd.

	Survey of a Portion of the Subdivision T. 18 S., R. 18 E.
Chains	
	T18\$ R18E
1,000	<u>\$28 \$27</u>
	\$33 \$34 19 61
	Cor. falls 20 lks. E. of small ledge facing E.
	Land, broken mountain.
	Soil, gravel and rocks with exposed ledges. Timber, juniper and pinon.
	Undergrowth, black brush and bunch grass.
ن ،	N. 0° 02' E. bet. secs. 27 and 28.
	11. 0 02 H. Bet. Sets. 27 and 20.
	Over broken mountain land, through scattered timber; asc. 200 ft. over ledgy S. slope of large spur sloping S.
39.60	Leave top of spur which curves NW.; desc. 25 ft. along E. slope.
40.00	Point for the 2 sec. cor. of secs. 27 and 28.
	Set an iron post 30 ins. long, 2½ ins. diameter, 18 ins. in the
	ground and in a mound of stone 22 ft. base, to top, with brass cap
	mkd. T18S_R18E
	1105 .R10E
	S28 S27 19 61
	Cor. falls at base, of top layer of ledges facing E.
	Desc. about 200 ft. along ledgy E. slope; by triangulation.
55.00	Bottom of decent along ledgy E, slope; asc. about 250 ft. over ledgy SE. slope.
68.10	Point 15 lks. wide, projects E. 25 lks. to end; desc. about 200 ft. along ledgy E. slope.
80.00	Point for the cor. of secs. 21, 22, 27 and 28, falls on inaccessible ledges facing E. and cannot be monumented.
	Land, broken mountain
	Soil, gravel and exposed ledges
	Timber, pinon and juniper
:	Undergrowth, oak brush and bunch grass
	N 0° 02! P bot 2002 21 22
	N. 0° 02' E. bet. secs. 21 and 22.
	Over broken mountain land, through medium growth of timber, desc. about 30 ft. along ledgy E. slope. By triangulation, topography estimated.
1.00	Bottom of decent on ledgy E. slope, asc. about 250 ft. over ledgy SE. slope.
10.79	Rim, bears E. and curves SW.:; asc. S. slope.
10.80	Point selected for the witness cor. of secs. 21, 22, 27 and 28.
я.	en en en en en en en en en en en en en e
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	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de

2914 1 11 4

60.00

3.30

7.04

4-678 b

ground, to bedrock, and in a mound of stone 4 ft. base, to top, with brass cap mkd.

> 4.1 . 4.21 ... S21 | S22 19 61

Spur, slopes NW.; desc. 300 ft. over NE. slope.

Point for the cor. of secs. 15, 16, 21 and 22. 80.00

Attible Billione . F.

Asc. 200 ft. over SW. slope.

Set an iron post 30 ins. long, 2½ ins. diam. 12 ins. in the ground, and in a mound of stone 4 ft. base, to top, with brass cap mkd.

> T18S R18E . S16 S15 S21 S22 19 61

Cor. falls 50 ft. above bottom of canyon.

Land, broken mountain. Soil, gravelly with exposed ledges. Timber, juniper and pinon.

Undergrowth, oak brush and bunch grass.

N. 0° 02' E. bet. secs. 15 and 16.

Over broken mountainous land, covered with pinon and juniper; desc 50 ft. over NE. slope. Bottom of descent, also wash 2 ft. deep, 20 lks. wide, drains NW.

10 chs. to Coal Creek; proceed over brushy bottom of canyon.

Point selected for a W.P. on left bank at Coal Creek, drains W. Set an iron post 30 ins. long, 2½ ins. diam. 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

Survey of	Portion	of the	Subdivision	т	185	R	18 ធ
Survey or 6	LOTITOR	OT LINE	SHOUTATETOIL		10.5.	к.	LO E.

	Survey of a Portion of the Subdivision T. 18 S., R. 18 E.
Chains	
	T18S R18E
	S16↑S15
• • • • • • • • • • • • • • • • • • • •	W P 19 61
	Cont. over bed of Coal Creek.
7.33	Center of Coal Creek and point of intersection with S. bdy. of Uintah and Ouray Indian Reservation. Due to floods and erosion this intersection was not monumented.
. .	Land, broken mountain and canyon bottom. Soil, gravel and rocks. Timber, scattered juniper and pinon. Undergrawth, sage and oak brush.
	From the cor. of secs. 15, 16, 21 and 22.
	West, bet. secs. 16 and 21.
	Over broken mountainous land, covered with pinon and juniper, asc. 150 ft. over ledgy NE. slope. By traverse, topography estimated.
10.00	Top of ledgy spur, slopes NW.; desc. 200 ft. over ledgy W. slope.
20.00	Wash in draw, drains N.; asc. about 200 ft. over E. stope.
30.00	Spur, slopes N.; desc. 250 ft. over NW. slope.
40.00	Point for the 1/2 sec. cor. of secs. 16 and 21.
	Set an iron post 30 ins. long, 2½ ins. diam. 12 ins. in the ground, to bedrock, and in a mound of stone 3 ft. base, to top, with brass cap mkd.
	T18S R18E
	S16
	*
	1961
	Desc. about 50 ft. along NW. slope.
46.00	Rocky draw, drains N. 4 chs. to Coal Creek; asc. 150 ft. over NE. slope.
55.00	Spur, slopes N. at N. base of prominent rock spire about 100 ft. high, 100 ft. diam.; desc. 200 ft. over NW. slope.
61.00	Draw, drains N. about 6 chs. to Coal Creek; asc. 100 ft. along ledgy N. slope.
72.00	Small spur, slopes N.; desc. 50 ft. along ledgy N. slope.
80.00	Point for the cor. of secs. 16, 17, 20 and 21.
ζ.	Set an iron post 30 ins. long, 2½ ins. diam. 20 ins. in the ground and in a collar of stone, with brass cap mkd.
	T18S R18E

-678 b

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Survey of a Portion of the Subdivision T. 18 S.
  Chains
          from which
              A pinon 3 ins. diam. bears N. 30° W., 35 lks. dist., mkd. S17 BT
          Land, broken mountain
          Soil, gravel and exposed ledges
          Timber, pinon and juniper, sage and oak brush undergrowth.
         S. 89^{\circ} 40' W., bet. secs. 17 and 20.
         Over ledgy mountainous land, covered with med. growth of timber;
         desc. 100 ft. along N. slope. By triangulation, topography
          estimated.
 4.50
         Small wash, drains N.; asc. 150 ft. over E. slope.
 9.00
         Ledgy spur, slopes N.; desc. 200 ft. over E. slope.
         Rocky draw, drains N.; asc. 100 ft. along N. slope.
15.00
         Point for the k sec. cor. of secs. 17 and 20 falls on inaccessible
40.00
         ledges facing E. and cannot be monumented.
43.10
         Point selected for the witness & sec. cor. of secs. 17 and 20.
         Set an iron post 30 ins. long, 2½ ins. diam., 6 ins. in the
         ground to bedrock, and in a mound of stone 3 ft. base, to top,
         with brass cap mkd.
                                T18S R18E
                                 ₹ S17
                                   S 20
                                   1961
         Cor. falls on top of ledges facing E.
         Asc. 20 ft. over E. slope.
43.90
         High spur, slopes N.; desc. 250 ft. over W. slope.
52.00
        Wash in draw, drains N.; asc. 200 ft. over NE. slope.
        Spur, slopes N., base of a prominent rocky knob about 60 ft.
63.80
        high, 50 lks. diam. bears S. 40 lks,; desc. 100 ft. over steep
        W. slope.
67.19
        The cor. of secs. 13, 17, 20 and 24 on the W. bdy. of the Tp.
        hereinbefore described.
        Land, broken mountain
        Soil, gravel and exposed ledges
        Timber, scrub juniper and pinon.
                                            16 [631
                                                 រស់ឡាង ខេត្តស
        From the cor. of secs. 16, 17 20 and 21.
        N.0° 01' E. bet. sees. 16 and 17.
        Over broken mountainous land covered with juniper and oak brush;
        desc. 80 ft. over N. slope.
6.87
        Point selected for a W.T. on left bank of Coal Creek.
```

217 24

Survey of a Portion of the Subdivision T. 18 S. R. 18 E.

Chains

Sebean iron post 30 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.

> T18S R18E S17 S16 SWP. . 19 61

7.37

Center of Coal Creek and intersection with the S. bdy. of Uintah and Ouray Indian Reservation. Due to floods and erosion this intersection was not monumented.

Land, broken mountain v Soil, gravel and exposed ledges Timber, juniper and pinon, sage and oak brush undergrowth

· Traverse of Uintah and Ouray Indian Reservation Bdy.

From the intersection of the E. bdy. of sec. 16, and the center of Coal Creek (Indian Reservation Bdy.), hereinbefore described.

Down stream along center of Coal Creek with traverse of Uintah and Ouray Indian Reservation Bdy. in sec. 16.

Over gravelly creek bottom, covered with sage and oak brush.

- S. 73°00'W., 1.62 chs.
- N. 80°00'W., 19.76 chs.
- N. 66°45'W., 6.15 chs.
- S. 31°00'W., 3.72 chs.
- $S. 70^{\circ}00'W., 13.32 \text{ chs.}$
- S. 52°00'W., 5.01 chs. N. 57°30'W., 7.69 chs. S. 85°30'W., 18.77 chs. N. 61°00'W., 7.13 chs.

- S. 80°02'W., 3.58 chs. Intersect the W. bdy. of sec. 16, hereinbefore described.

Land, canyon bottom Soil, gravel Timber, juniper and pinon Undergrowth, sage and oak brush

From the cor. of secs. 32 and 33 on the S. bdy. of the Tp.

N. 0° 01' E. bet. secs. 32 and 33.

Over broken mountain land, covered with pinon and juniper; asc. 1025 ft. over ledgy talus S. slope.

38.60

Point selected for the witness & sec. cor. of secs. 32 and 33.

Set an iron post 30 ins. long, 2½ ins. diam,, on solid rock, over an X, and in a mound of stone 4 ft. base, to top, with brass cap mkd.

T18S R18E

ż S32∱S33

WC

1961

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Survey of a Portion of	Subdivision T.	18	S. R.	18	E.
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		Survey of a Portion of Subdivision T. 18 S. R. 18 E.
	Chains	
		Cor. falls at base of high ledges facing S.
	38.65	Base of ledges facing S.; asc. about 400 ft. over ledges facing S. by traverse with topography estimated.
	40.00	Point for the 1/2 sec. cor. of secs. 32 and 33 falls on inaccessible ledges and cannot be monumented.
	43.00	S. rim of high and inaccessible butte, bears NE. and N. irregular, decend abong broken W. face of ledges. By traverse, topography estimated.
	74.00	Base of ledges, bears S. and curves NE.; proceed along base of ledges in small cove facing W.
	79.10	Point selected for the witness cor. of secs. 28, 29, 32 and 33.
		Set an iron post 30 ins. long, 2½ ins. diam. 6 ins. in the ground, to bedrock, and in a mound of stone 3½;ft. base, to top, with brass cap mkd.
	;	T18S R18E
		S32 S33
	i	19 61
	; . U	Cor. falls in small cove facing W.; asc. ledges facing SW.
	80.00	Point for the cor. of secs. 28, 29, 32 and 33 falls on inaccessible ledges and cannot be monumented.
		Land, broken mountain
		Soil, rocky with exposed ledges
		Timber, scrub juniper and pinon.
		West, bet. secs. 29 and 32.
		west, bet. secs. 29 and 32.
	·	Over broken mountainous land, covered with juniper and pinon, desc. 270 ft. over ledgy SW. slope.
	40.00	Point for the 2 sec. cor. of secs. 29 and 32.
		Set an iron post 30 ins. long, $2\frac{1}{2}$ ins. diam. 6 ins. in the ground, to bedrock, and in a mound of stone $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.
		T18S R18E
		½ <u>S29</u>
		S32 1961
		Cor. falls in small draw draining SW.; asc. 40 ft. along S. slope.
	50.60	Small spur, slopes S.; desc. 165 ft. along ledgy S. slope.
	67.16	The cor. of secs. 25, 29, 32 and 36, in the W. bdy. of the Tp., hereinbefore discribed.
	اد تا د.	
		Land, broken mountain Soil, rocky with exposed ledges Timber, juniper and pinon
1		

Township 18 South, Range 18 East

Chains

General Discription

T. 18 S.,R. 18 E. consists entirely of high ledgy ridges and deep canyons draining westward to the Colorado River. The north portion of the township lies within the Uintah and Ouray Indian Reservation, the boundary line being along the center of Coal Creek, which drains west irregular through about the middle of the township.

The soil is gravel, rocks and exposed sandstone ledges.

The timber is mainly juniper, pinon and a few cottonwood trees in the canyon bottoms, with dense growth of tall pines on the north slopes. The canyon bottoms are covered with sage and oak brush undergrowth.

There are no roads in the portion of the township outside the Indian Reservation.

The elevation varies from about 6,000 to 8,500 ft. above sea level.

No water was noted in the portion of the township surveyed, even Coal Creek being dry during the time of this survey.

Chains	
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4-680 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alburn D. Griffin	Crew Chief
Fred R. Chappell	Crew Chief
Glen R. Hatch	Crew Chief
Gary T. Oviatt	Chainman
Douglas G. Haycock	Chainman
Rex.J. Edwards	Transitman
T. J. Morrish	Cornerman
Max Asay	Flagman
Morris E. Blackburn	Chainman
Parley Pratt	Cornerman
William R. Savage	Transitman
Gary W. Rutledge	Transitman
Wallace R. Ott	Chainman
Jerold G. Brindley	Flagman
Jeddie J. Judd	Cornerman

16---53565-2

CERTIFICATE OF CADASTRAL ENGINEER

	earing date of the 11th day of February
supervised the I have reserved / Redesire	tion of corners always the West boundary and took
the south bdw. and	i a $_{\perp}$ tion of the subdivisional lines of T. 1: γ .
R. 18 E.	
of the Salt Lake Meridia	an, in the State of <u>Utah</u> , w
	our notes as having been executed the same under my direction;
-	
-	t conformity with said instructions, the Manual of Instructions
Survey of the Public Lands of the	United States, and in the specific manner described in the
field notes.	Formal Isarker
Salt Lake City, Utah	Géorge D/ Voor a sarge and the sign of the
November 3, 1961	Géorge D/ Voo Craig F. Sylvester, Cadastral
	Craig P. Sylvester, Cadastral
	CERTIFICATE OF APPROVAL
	BUREAU OF LAND MANAGEMENT,
	Washington, D. C.,JUN 2 5 1962
The foregoing field notes of the	esurvey of Redesignation of corners al. the Wes
boundary and surve	ey of the south bdv. and a portion of The painted
lines of T. 18 S.	. R. 18 E.
	A. D. Griffin, and G. B. Harris Cadastral
Under the supervision of Geo	orge D. Voorhees and Craig P. Sylvester, Cadastral 🦠
having been critically examined a	nd found correct, are hereby approved.
	1 State Comments
	Chief, je vinge of a looked
	CERTIFICATE OF TRANSCRIPT

S. S. GOVERNMENT PRINTING OFFICE 16-63566-6

R. 18 R. Salt Lake M. U., is a true copy of the original field notes.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEFENDENT RESURVET	
OF THE SOUTH AND WEST BOUNDARIES	
OF.	
TOWNSHIP 18 SOUTH, RANGE 19 EAST	
	*
	
Of the Salt Lake Meridian,	
In the State of	
EXECUTED BY	
George D. Voorhees, Cadastral Surveyor, Chief of Party	
Glen B. Hatch, Cadastral Surveyor	
A. D. Griffin, Cadastral Surveyor	<u></u>
Under special instructions dated February 11 , 1960, which prov	vided
for the surveys included under Group No. 399 approved February 23,	1960
and assignment instructions dated April 14 and July 1, 1960	
Survey commenced September 21 , 19 60	. *
Survey completed October 28 , 19 60	

INDEX DIAGRAM

	Townshi	p 18 So	uth	., Range	19 East	
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8	81	82	88	84	85	86
	7	6	5	4	4	1

PQ 866119

Township 18 South, Range 19 East

Chains

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The south and west boundaries of T. 18 S., R. 19 E., were originally surveyed by A. J. Stewart Jr. in 1901.

In 1960 Glen B. Hatch dependently resurveyed the south boundary, and A. D. Griffin dependently resurveyed the west boundary.

Before restoring corners the lines of the original survey were retraced and a diligent search made for any evidence of the original corners. The rules of proportionate measurement were applied to ascertain the positions of the lost corners after every reasonable possibility of finding direct evidence of the corner had been exhausted.

The survey was executed with two W. & L. E. Gurley solar transits Nos. 580158 and 541330 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with narrow steel tapes, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 11' 33.67" N. and longitude 109° 45' 47.14" W. as adjusted from traverses to U.S.G.S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 30' E.

Dependent Resurvey of the South Boundary of T. 18 S., R. 19 E.

Reestablishment of the survey executed by A. J. Stewart Jr. in 1901.

Beginning at the cor. of Tps. 18 and 19 S., Rs. 19 and 20 E., monumented with a sandstone 8x9x18 set, mkd. and witnessed as described in the official record, and with an iron post of local origin, 2 ins. diam. with brass cap mkd.

Township 18 South, Range 19 East

Chains

The south and west boundaries of T. 18 S., R. 19 E., were originally surveyed by A. J. Stewart Jr. in 1901.

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Dependent Resurvey of the South Boundary of T. 18 S., R. 19 E.

Reestablishment of the survey executed by A. J. Stewart Jr. in 1901.

Beginning at the cor. of Tps. 18 and 19 S., Rs. 19 and 20 E., monumented with a sandstone 8x9x18 set, mkd. and witnessed as described in the official record, and with an iron post of local origin, 2 ins. diam. with brass cap mkd.

) ij.

	Dependent Resurvey, S. Bdy., T. 18 S., R. 19 E.	
Chains	THE CONTRACT OF A SECOND STREET	- - -
w e Ville	1960 T18S S36 S31 S 1 S 6	
-	T19S	
**	At the cor. point and the core of the core	
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground	
	to bedrock and in a mound of stone, 2½ ft. base to top of post, with brass cap mkd	
	The control of the co	
	1	
• • • • • • • • • • • • • • • • • • • •	T198 1 1 1 2 5 2 7 1 1 1 1 1 1 1 1 1	
•	Bury the old cor. stone and local iron post alongside the new post.	
n vita	N. 89° 43' W. along the S. bdy. of sec. 36.	
	Over mountainous land, through dense aspen timber.	
0.50	Pioche Canyon, 20 1ks. wide, 4 ft. deep drains N.; asc. about 340 ft. over SE. slope through dense aspen timber.	
13.35	Road, unimproved, bears N. 10° E. and S. 40° W.	
16.30	Top of ascent, bears N. 10° E. and S. 10° W.; desc. about 200 ft. over gradual NW. slope.	
19.12	Beginning of triangulation. Of the second of	
19.98	Point for E. 1/16 sec. cor. of sec. 36 archicoolps with anchico six Records Set iron post, 2½ ins. diam., 30 ins. long, 8 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post,	
ing subgroups Ling by Joseph Ling by Joseph	with brass cap mkd. was the first through the second secon	
an n		
25.00	Approximate dist. to ravine, drains N. 10° E.; asc. about 290 ft.over SE. slope.	
33.00 36.22	Approximate dist. to road, unimproved, bears N. and S. Point for N. \(\frac{1}{\pi}\) sec. cor. sec. 1, T. 19 S., R. 19 E., not monumented.	
39.35	End of triangulation; top of ascent, bears N. 70° E. and S. 70° W.; desc. 10 ft. to \(\frac{1}{2} \) sec. cor?	
	The original $\frac{1}{2}$ sec. cor. of secs. 1 and 36, monumented with a sandstone, $4x12x20$ ins., set, mkd. and witnessed as described in the official record, and with an iron post of local origin, $2\frac{1}{2}$ ins. diam., with cap mkd.	
	1960	
	T18S R19E	
	* S 1 T19S R19E	
, ·	The original \(\frac{1}{2}\) sec. cor. now functions as the \(\frac{1}{2}\) sec. cor. of sec. 36 only.	
. · · .	ta Tallera i le a le le da din datin bine pare per alla distribuit.	

fare frit 19 a a v val S. 1 fr. , T. 18 S., R. 19 E.

Chains

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

Bury the old cor. stone and local iron post alongside the new post.

N. 89° 43' W., beginning new measurement.

Desc. about 140 ft. over NW. slope; by triangulation.

- 0.15 Approximate dist. to road, bears S. 15° W.
- 5.00 Approximate dist. to road, unimproved, bears N. 15° E. and S. 15° E.
- 12.00 Approximate dist. to fence, net wire, bears N. 15° E. and S. 15° E.; ravine, drains N. 15° E.; asc. about 120 ft. over NE. slope.
- 18.00 Approximate dist. to road, unimproved, bears N. and S.
- 21.18 Top of ascent, projects N.; end of one triangulation.
- 22.96 Beginning of another triangulation.
 - Desc. about 160 ft. over NW. slope.
- 23.96 Road, unimproved, bears N. 30° E. and S. 30° W.
- 32.00 Approximate dist. to ravine, drains N. 10° W.; asc. about 170 ft. over NE. slope.
- 40.35 End of triangulation; the original cor. of secs. 1, 2, 35 and 36, monumented with a sandstone, 4x10x12, set, mkd. and witnessed as described in the official record. This cor. now functions for the cor. of secs. 35 and 36, T. 18 S., R. 19 E., only.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground with stone cor. buried alongside, with brass cap mkd.

Land, mountainous. Soil, loam.

Timber, dense aspen and scattered pine.

N. 89° 37' W. along the S. bdy. of sec. 35.

Asc. 50 ft. over NE. slope. , 📆 😁

	· · · · · ·
	Dependent Resurvey, S. Bdy., T. 18 S., R. 19 E.
Chains	
4.59	Top of ascent, bears N. 10° E. and S. 10° W.; beginning of triangulation; desc. about 320 ft. over NW. slope.
21.00	Approximate dist. to ravine, drains N. 10° W.; desc. about 560 ft. over SW. slope.
38.50	End of triangulation.
40.07	Point for the ½ sec. cor. of sec. 35, at proportionate dist.; there is no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.
	. T18S R19E ½ S35
n : =	T19S 1960
o · ,	Beginning of triangulation.
49.00	Approximate dist. to ravine, drains N. 10° W.; asc. about 400 ft. over NE. slope.
63.45	End of triangulation.
64.52	Ridge, bears N. 5° E. and S. 5° W.; desc. 380 ft. over NW. slope.
80.14	The original cor. of secs. 2, 3, 34 and 35, monumented with a sand- stone, 4x14x24 ins., set, mkd. and witnessed as described in the official record. This cor. now functions for the cor. of secs. 34 and 35, T. 18 S., R. 19 E. only.
•	At the cor. point
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with stone cor. buried alongside iron post, with brass cap mkd.
	T185 R19E <u>S34 S35</u> S 3
20 1	
	Land, mountainous. Soil, loam, rocky. Timber, dense stands of aspen, scattered pine, and dense stands of oak brush.
	N. 88° 05' W., along the S. bdy. of sec. 34.
	Over mountainous land, through dense oak and scattered timber.
	By triangulation; desc. about 180 ft. over NW. slope.
8.30	Approximate dist. to rayine, drains N. 15° W.; asc. about 150 ft. over NE. slope.

Spur, projects N. 55° E.; desc. about 600 ft. over steep NW. slope.

19.80

17 3 4 4 4 6 1 7 1 3 3 4 5 5 6 1 2 1 T. 18 S., R. 19 E.

Chains

Point for the & sec. cor. of sec. 34, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T18S R19E 支 S34

> T19S 1960

Cont. by triangulation; cont. descent of NW. slope.

.02 Fart 1

- Approximate dist. to ravine, drains N. 10° W.; asc. about 530 ft. over steep NE. slope,
- Approximate dist. to spur, projects N. 20° E.; desc. about 140 ft. over steep NW. slope.
- 68.00 Approximate dist. to head of ravine, drains N. 15° W.; asc. about 150 ft. over steep NE. slope.

- 72.56 End of triangulation.
- 73.60 Spur, projects N. 15° W.; desc. 150 ft. over SW. slope.
- 80.05 Point for the cor. of secs. 33 and 34, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T18S R19E

S33 S34
S 4
T19S
1960

Land, mountainous, steep.
Soil, sandy loam, rocky.
Timber, scattered pine and aspen.
Undergrowth, dense oak brush.

N. 88° 05' W., along the S. bdy. of sec. 33.

Over broken, mountainous land, through dense timber.

Desc. 130 ft. over SW. slope.

- 4.50 Enter dense pinon, juniper and mahogany timber, edge bears S. 70° W. and N. 70° E.; asc. 50 ft. along S. slope.
- 17.40 Desc. 210 ft. along S. slope.
- 40.025 Point for the ½ sec. cor. of sec. 33, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam. on solid sandstone and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

Dependent Resurvey, S. Bdy., T. 18 S., R. 19 E. Chains T18S R19E **½** S33 .T19S 1960 Desc. abruptly about 1,070 ft. over steep, broken SW. slope; by triangulation. Point for the cor. of secs. 32 and 33, at proportionate dist.; there 80.05 is no remaining evidence of the original cor. On spur, projecting W. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd. T18S R19E. S32 S33 S 5 T1.9S . 1960 Land, mountainous, 40.00 chs., broken 40.00 chs. Soil, sandy loam, rocky. Timber, dense pinon, juniper, young mahogany. N. 88° 05' W., along the S. bdy. of sec. 32. Along bottom of Rattle Snake Canyon. Desc. 60 ft. over SW. slope. 4.00 Wash, 50 lks. wide, 15 ft. deep, drains S. about 5.00 chs. to main canyon; asc. 50 ft. over E. slope. 14.30 Spur, projects S.; desc. 50 ft. over SW. slope. 23.70 Ravine, drains S.; asc. about 100 ft. over SE. slope. 27.70 Spur, projects S. 15° E., about 6.00 chs.; desc. 100 ft. over SW. slope. 40.00 Spur, projects S. 70° W. 40.025 Point for the \(\frac{1}{2} \) sec. cor. of sec. 32, at proportionate dist.; there is no remaining evidence of the original cor. Set an iron post, 30 ins. long, 2½ ins. diam., 2 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd. T18S R19E ·麦 S32 .

> T19S 1960

Desc. about 50 ft. over W. slope; by triangulation.

Approximate dist. to Rattle Snake Creek, 30 lks. wide, 12 ft. deep, with stream of clear water, 3 lks. wide, 2 ins. deep, drains N.70° W.; asc. about 90 ft. over NE. slope.

Dependent Resurvey, S. Bdy., T. 18 S., R. 19 E

	Dependent Resurvey, S. Bdy., T. 18 S., R. 19 E.
Chains	
60.00	Approximate dist. to spur, projects N. 20° W. about 2.00 chs.; desc. about 100 ft. over SW, slope.
70.00	Approximate dist. to Rattle Snake Canyon, 30 lks. wide, 12 ft. deep, drains S. 60° W.; asc. about 150 ft. over SE. slope.
75.00	Approximate dist. to spur, projects S. about 4.00 chs., then turns to S. 20° E.; desc. about 180 ft. over W. slope.
80.05	Point for the cor. of secs. 31 and 32, at proportionate dist. falls in Rattle Snake Canyon, 100 1ks. wide, 15 ft. deep, drains N. 15° W.; an impractical point for cor. monument.
	Land, bottom of Rattle Snake Canyon. Soil, sandy loam. Timber, scattered pinon and juniper and pine. Undergrowth, oak, serviceberry and sagebrush.
•	i vita i
	N. 88° 05' W., along the S. bdy. of sec. 31.
	Along the bottom of Rattle Snake Canyon.
	Asc. 30 ft. over E. slope.
0.75	Point selected for the witness cor. of secs. 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.
•	T18S R19E S31 S32 W S 6 C T19S 1960
2.00	Spur, projects N. about 3.00 chs.; desc. 50 ft. over W. slope; by triangulation.
6.00	Approximate dist. to Rattle Snake Canyon, 20 lks. wide, 6 ft. deep, drains SW. about 1.50 chs., then turns to NW.
10.00	Rattle Snake Canyon, drains NW.; asc. about 150 ft. over NE. slope.
13.00	Approximate dist. to spur, projects S. 10° W.; desc. about 50 ft. over SW. slope.
16.00	Approximate dist. to bottom of descent, bears N. and S.; thence along bottom of canyon.
20,00	Asc. about 100 ft. over E. slope.
28.00	Approximate dist. to spur, projects S.; desc. about 100 ft. over W. slope.
•	atope.
40.025	Point for the ½ sec. cor. of sec. 31, at proportionate dist.; there is no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.
·	T18S R19E <u>表 S31</u>

T19S 1960

Dependent Resurvey, S. Bdy., T. 18 S., R. 19 E. Chains Rattle Snake Canyon, 20 lks. wide, 6 ft. deep, with stream of water 2 lks. wide, 1 in. deep, drains NW. about 3.00 chs., thence SW.; asc. 40.20 80 ft. over NE. slope. 45.00 Spur, projects N. 15° W.; by triangulation; desc. about 100 ft. over SW. slope. Approximate dist. to Rattle Snake Canyon, drains SW. for about 4.00 49.50 chs., then turns to W.; asc. about 60 ft. over SE. slope. 64.30 Point of rocky spur, ledge, 40 ft. high, projects S.; desc. 100 ft. over broken SW. slope. Rattle Snake Canyon, 50 lks. wide, 7 ft. deep, drains N. 40° W. for 68.40 about 3.50 chs., then turns to W.; asc. about 90 ft. over NE. slope. Point for the SW. cor. of T. 18 S., R. 19 E. at record dist. southing from the cor. of Tps. 17 and 18 S., R. 19 E. and record dist. westing from the cor. of secs. 34 and 35, T. 18 S., R. 19 E.; there is no 78.87 remaining evidence of the original cor. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd. T18S • ** ** ** • * * * **R18E R19E** • S 1 S31 T19S 1960 Land, bottom of Rattle Snake Canyon. Soil, sandy loam. Timber, scattered pinon and juniper. Undergrowth, sagebrush and oak and scattered serviceberry bushes. Dependent Resurvey of the West Boundary of T. 18 S., R. 19 E. and the Establishment Thereon of New Corners for Portions of the East Boundaries of Tps. 18 and 19 S., R. 18 E. Reestablishment of the survey executed by A. J. Stewart Jr. in 1901. From the SW. cor. of T. 18 S., R. 19 E., described above. N. 0° 04' E., along the W. bdy. of sec. 31. 31 By triangulation; over nearly level land. Rattle Snake Creek, in bed, 30 1ks. wide, 4 ft. deep, drains W.; asc. 3.30 about 200 ft. over SE. slope. Point selected for witness & sec. cor. of sec. 1, T. 19 S., R. 18 E. 11.02 Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd. WC 孙

s 1 1960

Dependent Resurvey, W. Bdy., T. 18 S., R. 19 E.

Chains

- · Profit per t 20.81 True point for the & sec. cor. of sec. 1, T. 19 S., R. 18 E., at 40.00 chs. northing from the cor. of secs. 1 and 12 falls on ledge sloping steeply to the S., and cannot be monumented at this point.
- Approximate dist. to top of ascent, projects SW.; desc. about 500 ft. 25.00 over NW. slope.
- Point selected for witness 1/2 sec. cor. of sec. 31. 30.63

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd. 1911 at 51

> Ł S31 1960

- 40.00 True point for the 1 sec. cor. of sec. 31, at proportionate dist. falls on ledge sloping N. and cannot be monumented.
- Approximate dist. to draw, drains SW.; asc. about 180 ft. over SE. 48.00 . slope. · i in in
- 52.00 Approximate dist. to where slope changes to W.; asc. about 340 ft.
- End of triangulation. 77.54
- Point for the closing cor. of Tps. 18 and 19 S., R. 18 E., set and 78.61 mkd. as described in the field notes of the N. bdy. of T. 19 S., R. 18 E., the survey of which was executed concurrently under this same survey group.
- 80.00 Point for the cor. of secs. 30 and 31, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on solid stone and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.

T18S ... I Had to a Co. Had to the R19E ... R19E S30 1960 -

Land, mountainous. Soil, clay, rocky. Timber, dense pinon, juniper and pine.

- N. 0° 04' E., along the W. bdy. of sec. 30.
- Asc. 130 ft. over broken SW. slope.
- 3.50 Ridge bears E. and W.; beginning of triangulation; desc. about 200 ft. over steep N. slope. Not add to be a controlled
- 9.70 Approximate dist. to head of draw, drains SE.; asc. about 500 ft. over broken S. slope.
- in no j<mark>oseg "es</mark>go egicos na la la la come 36.63 End of triangulation.
- 38.61 Point for the 2 sec. cor. of sec. 36, T. 18 S., R. 18 E., at 40.00 chs. northing from SE. cor. of Table S., R. 18 E.

Dependent Resurvey, W. Bdy., T. 18 S., R. 19 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T185 R18E \$36

39.70 | Head of draw, drains W.; asc. 60 ft. over S. slope.

Point for the 2 sec. cor. of sec. 30, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock and in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd.

T18S R19E 2 S30 1960

- Ridge, bears SE. and NW.; beginning of triangulation; desc. about 1,100 ft. over steep and broken N. slope.
- Approximate dist. to:draw, drains NW.; asc. about 60 ft. over SW. slope.
- 78.61 End of triangulation. Point for the cor. of secs. 25 and 36, T. 18 S., R. 18 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

T18S ...
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S25
S36
1960

80.00 Point for the cor. of secs. 19 and 30, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T18S R19E | <u>S19</u> | S30 1960

Land, mountainous.
Soil, sandy, rocky.
Timber, dense pinon, juniper and pine.

N. 0° 04' E., along the W. bdy. of sec. 19.

By triangulation.

4.70 Approximate dist. to rocky spur, projects NW.; desc. about 70 ft. over NE. slope.

Approximate dist. to South Fork of Main Canyon, drains NW.; asc. about 600 ft. over broken SW. slope.

De endent Resurve W. Bd . 12.18 S., R. 19 E.

Chains

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37.12

Point for the k sec. cor. of sec. 25, T. 18 S., R. 18 E. 38.61

> Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock and in a mound of stone, 32 ft. base to top of post, with brass, cap mkd. ເປັນ ຸດປີ ເປຍ: ເປັນຕົ້ນ ອຍ ການ ປ່າເປັ ພາກສະພາກສະພາກສະພາກສະພາດສະພາດ ຂອງພາກສະພາດ

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1960

40.00 Point for the & sec. cor. of sec. 19, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 31 ft. base to top of post, with brass cap

> T18S R19E Ł S19 1960

- Spur, projects NW., beginning of triangulation; desc. about 300 ft. 42.52 over NW. slope.
- Approximate dist. to bottom of canyon, drains NW. for about 5.00 chs. 67.70 then turns to SW.; asc. about 250 ft. over S. slope.
- 77.46 End of triangulation.
- Point for the cor. of secs. 24 and 25, T. 18 S., R. 18 E. 78.61

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

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T18S R18E **S24** S25 **1960**.

80.00 Point for the cor. of secs. 18 and 19, at proportionate dist.; there is no remaining evidence of the original cor. market,

> Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

> > T18S R19E

S18

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Land, mountainous... http://doc.org/lean.com/soil, sandy, rocky:// bealth land to the bealth of the complete o Timber, pinon, juniper, pine.

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Dependent Resurvey, W. Bdy, T. 18 S., R. 19 E. Chains N. 0° 04' E., along the W. bdy. of sec. 18. Asc. about 1,270 ft. over broken and rugged SW. slope. Point for the 2 sec. cor. of sec. 24, T. 181S., R. 18 E., falls on 38.61 nearly vertical slope where cor. cannot be established. Point for the 2 sec. cor. of sec. 18, at proportionate dist. falls on 40.00 nearly vertical slope of shale and sandstone outcropping where cor. cannot be established; there is no remaining evidence of the original Point selected for the witness & sec. cor. of sec. 24, T. 18 S., 47.54 . R. 18 E. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 32 ft. base to top of post, with brass cap , i , e vii ... v. v. v. v. v. T18S **R18E** Ł S24 . WC 1960 End of triangulation 47.91 47.82 Point selected for the witness & sec. cor. of sec. 18. U. . 3 0 3.6. 200 C. . C. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. R19E WC 1960 47.92 Spur projects SE., beginning of triangulation; desc. about 200 ft. along steep E. slope. 78.61 Point for the cor. of secs. 13 and 24, T. 18 S., R. 18 E. Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd. ા (૧૯૦૦ અંગુદા છે. સદ**ાશક**ા (૧૦૦ જો R18E <u>s13</u> S24. 1960 80.00 Point for the cor. of secs. 7 and 18, at proportionate dist.; there is no remaining evidence of the original cor. Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd. Adding the property of the same states and the same states are same states. T18S R19E **S18** 1960

De endent Resurve , W. Bdy., T. 18 S., R. 19 E.

Chains

Land, mountainous.
Soil, sandy loam, rocky.
Timber, dense pinon, juniper and fir.

N. 0° 04' E., along the W. bdy. of sec. 7.

By triangulation; desc. about 300 ft. along E. slope.

- 34.46 Spur, projects E.; end of one triangulation; beginning of another; cont. descent of E. slope.
- 38.61 Point for the & sec. cor. of sec. 13, T. 18 S., R. 18 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock and in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd.

T18S R18E 之 | S13 | 1960

40.00 Point for the ½ sec. cor. of sec. 7, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T18S R19E | ½ |S 7 1960

Desc. about 200 ft. along E. slope.

- 57.70 Approximate dist. to canyon, drains SE.; asc. about 700 ft. over steep and broken S. slope.
- 78.61 Point for the cor. of secs. 12 and 13, T. 18 S., R. 18 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground and in a collar of stone, with brass cap mkd.

T18S R18E S12 S13 1960

- 79.15 End of one triangulation; ridge bears E. and W.; beginning of another triangulation; desc. about 30 ft. over steep N. slope.
- 80.00 Point for the cor. of secs. 6 and 7, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground and in a collar of stone, with brass cap mkd.

T18S R19E S 6

s 7

1960

Dependent Resurvey, W. Bdy., T. 18 S., R. 19 E.

Chains	Land, mountainous. Soil, gravel, outcropping ledges. Timber, dense pinon, juniper and fir.
	N. 0° 04' E., along the W. bdy. of sec. 6.
	By triangulation; desc. about 770 ft. over steep N. slope.
27.70	Approximate dist. to bottom of canyon, drains W.; asc. about 500 ft. over steep S. slope.
38.61	Point for the ½ sec. cor. of sec. 12, T. 18 S., R. 18 E., falls on steep S. slope where cor. cannot be established.
40.00	Point for the 2 sec. cor. of sec. 6, at proportionate dist. falls on steep S. slope where cor. cannot be established; there is no remaining evidence of the original cor.
43.01	Point selected for the witness & sec. cor. of sec. 12, T. 18 S., R. 18 E.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.
	T18S R18E 之 S12 y W C 1960
43.11	Point selected for the witness & sec. cor. of sec. 6.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock and in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd.
	T18S R19E
	Description of the control of the c
	19
43.19	End of triangulation.
43.52	Spur projects W.; beginning of triangulation; desc. about 650 ft. over steep and broken N. slope.
78.27	Point selected for the witness cor. of secs. 1 and 12, T. 18 S., R. 18 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.
.*	2817 3. 10 10 10 10 10 10 10 10 10 10 10 10 10
	S12 W C 1960
78.61	True point for the cor. of secs. 1 and 12 falls on large boulder where cor. cannot be monumented.
}	

De endent Resurve W. Bd . T. 18 S. R. 19 E.

Chains

80.00 Point for the cor. of Tps. 17 and 18 S., R. 19 E., at record dist. S. from the 1 sec. cor. of sec. 31, T. 17 S., R. 19 E.; there is no remaining evidence of the Tp. cor., or any remaining evidence of the cors. to the E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, $3\frac{1}{2}$ ft. base to top of post, with brass cap mkd.

from which

The original ½ sec. cor. of sec. 31, T. 17 S., R. 19 E., which is monumented with a sandstone, 8x12x22 ins., set, mkd. and witnessed as described in the official record, bears N. 40.00 chs. dist., in place of this cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, with the old stone cor. buried alongside, and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

T17S R19E 1 S31 1960

Also from the cor. of Tps. 17 and 18 S., R. 19 E.

Triangulation station HILL, in latitude 39° 16' 28.838" N. and longitude 109° 51' 08.734" W., bears S. 66° 40' 32.4" E., 103.088 chs. dist.

Land, mountainous.
Soil, gravelly loam.
Timber, pinon, juniper and fir.

General Description

The land along the south and west boundaries of T. 18 S., R.19 E. is mountainous and broken, ranging in elevation from 7,000 to 9,500 ft. above sea level. The only road noted is a fairly good one situated near the southeast corner of the township.

There is a small stream of water in Rattle Snake Creek Canyon along the south boundary of section 32.

The area along the west five miles of the south boundary of the township drains westward through the medium of Rattle Snake Creek. Section 36 is drained northerly by means of Pioche Creek Canyon. The west portion of the township drains westerly and southwesterly by the medium of numerous draws and canyons.

Timber over most of the area consists mainly of pinon and juniper, with some scattered fir, spruce and young mahogany. However, near the southeast corner of the township there are dense stands of aspen, and along the south boundary are situated dense patches of oak brush. Soil ranges from rich loam in the southeast portion of the township to sand and gravel in the southwest and west portions.

The south boundary of section 36 forms a part of the boundary of the Uintah and Ouray Indian Reservation boundary line.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

1	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FIELD ASSISTANTS				
	NAMES	CAPACITY			
	Gary T. Oviatt	Chainman			
	Douglas G. Haycock	Chainman			
	Rex J. Edwards	Transitman			
	T. J. Morrish	Cornerman			
	Max Asay	Flagman			
*	Wallace R. Ott	Transitman			
	Gordon Shurtz	Chainman			
	Gary Rutledge	Chainman			
	Wayne Fisher	Flagman			
	Parley Pratt	Cornerman			
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T. 18 S., R. 19 E.				•		
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executed by A. D. Griffin and Glen B. Hatch Cadastral Su e ors u der th supervision of George D. Voorhees, Cadastral Surveyor having been critically examined and found correct, are hereby approved

Chief, Divi on of gineering

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described

rue copy of the original field not

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

SURVEY OF THE EAST AND SOUTH BOUNDARIES

	•
	AND
4	
	A PORTION OF THE SUBDIVISIONAL LINES
	OF
<u> </u>	OF
	TOWNSHIP 19 SOUTH, RANGE 17 EAST
	TOTAL TERM IN LINE LAND IN LAND I
	<u> </u>

Of the	Calle Tale.
Of the	Salt Lake Meridian,
the State of	Utah
	v.van.
	EXECUTED BY
	A. D. Griffin, Cadastral Surveyor
Under the s	supervision of George D. Voorhees, Cadastral Surveyor
*	
${\it nder\ special\ instruct}$	ions dated February 11 , 1960 , which provided
r the surveys include	ed under Group No. 399, approved February 23, 1960
a assignment instru	ctions datedApril 14 and July 1, 1960
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survey co	mmenced August 11 , 1960
STATION OF	mulated Contactor 0 100
Survey co	mpleted September 8 , 1960
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INDEX DIAGRAM

Township 19 South , Range 17 East						
6	5	4 19	3 17	2 18 19	1	5
7	8	9 15 21	10	11	12	5
18	17 20	¹⁶ 14	15	14	18	4
19	20	21 13	22	23	24	3
30	29 23	28 13	27	26	25	2
81 22		83 12		- 10		,
10	32 22 9	83 12 8	84 8	85 10 7	36 6	1

16---56770--1

· 19 South, 17 East

Chains

The west boundary of T. 19 S., R. 17 E. was surveyed by R. C. Yundt in 1941-42. The south boundary of T. 18 S., R. 17 E. was surveyed by J. C. Clark in 1920.

The following field notes are those of the survey of the east boundary, the south boundary and a portion of the subdivisional lines of T. 19 S., R. 17 E., deemed sufficient in extent to facilitate development of the natural resources and mark the boundaries of those sections normally considered State school sections.

The survey was executed with W. & L. E. Gurley solar transit No. 541330, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one-chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 07' 10" N. and longitude 109° 57' 05" W., as adjusted from traverses to U. S. G. S. triangulation station "Floy" which is located in the SE½ of section 35, T. 20½ S., R. 18 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 30' E.

Survey of the East Boundary of T. 19 S., R. 17 E.

Beginning at the cor. of Tps. 19 and 20 S., Rs. 17 and 18 E., monumented with a $2\frac{1}{2}$ in. iron post, set, mkd. and witnessed as described in the 1960 field notes of T. 20 S., R. 17 E.

North, bet. secs. 32 and 36.

Survey of the East Boundary of T. 19 S., R. 17 E.

Chains

By triangulation; desc. about 350 ft. over broken No slope.

- 24.00 Approximate dist. to bottom of canyon, drains SW.; asc. about 380 ft over S. slope.
- 36.74 End of triangulation.
- 36.80 Spur, projects E.; desc. 20 ft. over gentle N. slope.
- 40.00 Point for the \(\frac{1}{4}\) sec. cor. of secs. 32 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T19S R17E R18E -支 S36 | S32 1960

Thence by triangulation desc. about 300 ft. over NW. slope.

- 54.00 Approximate dist. to draw, drains E.; asc. about 250 ft. over SE. slope.
- 56.00 Approximate dist. to small draw, drains SE.
- 71.00 Approximate dist. to small draw, drains SE.
- 79.83 End of triangulation.
- 80.00 Point for the cor. of secs. 25, 29, 32 and 36.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T195 R17E R18E <u>S25 S29</u> S36 S32 1960

Land, mountainous.
Soil, sandy, rocky.
Timber, pinon and juniper.

North, bet. secs. 25 and 29.

Over mountainous land, through scattered timber.

By triangulation; asc. about 100 ft. over SE. slope.

- 17.11 Ridge, bears E. and W.; asc. about 10 ft. over rolling land; end of triangulation.
- 34.00 Desc. about 10 ft. over N. slope.
- 40.00 Point for the \(\frac{1}{2} \) sec. cor. of secs. 25 and 29.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground in a mound of stone to top, with brass cap mkd.

A Land Control of the Esst Boundary of T. 19 S., R. 17 E. . The proof \mathbf{x} is \mathbf{x} and \mathbf{x} decay, \mathbf{x} is some Star. Mile Work on and each R17E R18E S25 S29 1960 643. Jed - Eld Desc. about 60 ft. over N. slope. 51.50 Wash, drains W. 70.00 Asc. about 60 ft. over S. slope. 80.00 Point for the cor. of secs. 20, 24, 25 and 29. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T17E R18E S24 S20 S25 S29 1960 Proposition of the proposition of the contract Land, mountainous. Soil, sandy Arockywisch, word or a Timber, scattered pinon and juniper. North, bet. secs. 20 and 24. Over mountainous land, through scattered timber. Asc. about 40 ft. over rocky S. slope. 3.00 Spur, projects W.; desc. about 180 ft. over N. slope. 31.00 Wash, drains NW.; asc. about 20 ft. over SW. slope. 40.00 Point for the 1/2 sec. cor. of secs. 20 and 24. Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, in a collar of stone, with brass cap mkd. A ... Combades loca of weak T19S R17E R18E . 🏅 3 . (1.20) S24 S20 1960 By triangulation; asc. about 380 ft. over nearly level land, through dense timber. 53.90 Approx. dist. to base of ascent, bears E. and W.; asc. steep, rocky S. slope. . 0.2 63.95 End of triangulation. 65.20 Top of ascent; desc. about 20 ft. over gentle N. slope. 72.10 Bottom of descent; asc. about 60 ft. over rocky S. slope. 77.60 Top of ascent, bears E. and W.; desc. 30 ft. over broken M. slope.

Point for the cor. of secs. 13, 17, 20 and 24.

80.00

Chains		Coster
	Set an iron post, 30 ins. long, 21 ins. diam. 6 ins. 4n	the grou
	to bedrock, in a mound of stone, 4 ft. base to top, with mkd.	Drass C
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	wash, deedra w. 0601	07.1
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ļ	Soil, sandy, loam, rocky. Timber, dense pison and juniper. The new value and the first state of the same and the first state of the same and the first state of the same and the first state of the same and the sam	
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	e de la composição de l	
	North, bet. secs. 13 and 17.	
	Over mountainous land, through dense timber.	
	By triangulation; desc. about 650 ft. over N. slope.	
29.00	encilar com boat	
	Approx. dist. to bottom of draw; drains S. 170% Walle (Labo over S. Slope out to bus to all forms and ground	MATE BUU ;
36.62	End of triangulation.	
39.00	Ledge, bears E. and W.	
40.00	Point for the k sec. cor. of secs : 13 and 17.	
	Set an iron post, 30 ins. long, 2½ ins. diam. 18 dias. in a collar of stone to top, with brass cap mkd.	
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	regular to the Control R176 R186 of the graph	i
		to .15
	1960 p.s. U	CO
	By triangulation; asc. about 220 ft. over S. slope.	C
	in the contraction of the same of the court of the contraction of the	
44.00	Approx. dist. to spur; projects Wi; desc. N. slope:	
8.00	Approx. dist. to bottom of descent; asc. about 60 ft. ove	r S. slo
57.00	$\mathcal{S}_{i} = \{i, j, i\}$	
57.00	Ridge, bears E. and W.; desc. about 300 ft. over N. slope triangulation.	; end of
0.00	Point for the cor. of secs. 8, 12, 13 and 17.	
	and the contract of the contra	
	Set an iron post, 30 ins. long, 22 ins. diamit, 10 ins. in	the
	to bedrock, in a mound of stone, 3% ft. base to top, with mkd.	
	www. J. Committee of the same	10.0
	T19 S	
	R17Eng18Ede grading des bed	40.43
	\$12 \ \ 8 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	51.20
	1960	O.s
·	Tool	01.53
l	Soil, rocky. The control of the cont	6.5
	Timber, pinon and juniper.	77.59
	Potes inc. 1.3 cas. on se s. in, in the cause.	A 100

. Survey of the East Boundary of T. 19 S., R. 17 E. Chains North, bet. secs. 8 and 12. Over mountainous land, through medium growth of timber. Desc. about 120 ft. over broken N. slope. 6.50 Bottom of draw, drains W. 1.00 ch., thence NW.; asc. about 110 ft. over S. slope. 30.60 Spur, projects W.; desc. about 20 ft. along W. slope. Point for the k sec. cor. of secs. 8 and 12. 40.00 Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top of post, with brass cap mkd. ut. 0., . Ç • 14.0 ... 130 (t.s., c R17E R18E S12 S 8 By triangulation; desc. about 100 ft. over N. slope. 48.00 Approx. dist. to draw; drains W.; asc. about 150 ft. over N. slope. Ridge, bears E. and W.; desc. about 740 ft. over series of ledges on 56.16 N. slope; end of triangulation. 80.00 Point for the cor. of secs. 1, 5, 8 and 12. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 32 ft. base to top, with brass cap mkd. T19S R17E R18E **S1** | **S**5 S12 S 8 1960 Land, mountainous, broken. Soil, rocky. Timber, medium dense pinon and juniper. North, bet. secs. 1 and 5. Over mountainous land, through medium growth of timber. By triangulation, desc. about 200 ft. over NE. slope. 10.00 Approx. dist. to head of draw, drains NW.; asc. about 220 ft. over SW. slope. 28.00 Approx. dist. to spur, projects W.; desc. about 250 ft. over NE. slope. 38.00 Approx. dist. to bottom of Rattle Snake Creek, drains W.; thence asc. about 100 ft. over S. slope. 40.00 Point for the & sec. cor. of secs. 1 and 5 falls on broken ledge where cor. cannot be established.

Point selected for the witness & sec. cor. of secs. 1 and 5.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

46.50

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Survey of the East Boundary of T. 19 S., R. 17 E.
 Chains
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- T19S
                                       R17E R18E
                                     ____$1.$5
                                    Ji._ 1960
47.59
         End of triangulation; thence by triangulation desc. about 180 ft.
         N. slope.
                                المناسبة المناسبة المناسبة المناسبة المناسبة المناسبة المناسبة المناسبة المناسبة المناسبة المناسبة المناسبة الم
56.00
         Approx. dist. to bottom of canyon, drains SW.; thence asc. about
         ft. over SE. slope.
80.00
         Point for the 1/16 sec. cor. of secs. 1 and 5.
         Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground
         to bedrock, in a mound of stone, 3 ft. base to top, with brass cap
         mkd.
                                         T19S
                                       R17E R18E
                                         1/16
                                       S1 S5 ...
                                       ___1960
         Thence asc. about 100 ft. over SE. slope.
88.57
         End of triangulation.
         Spur, projects E.; thence desc. about 80 ft. over N. slope.
         Intersect the S. bdy. of T. 18 S., R. 18 E., at point for closing
98.19
         cor. of Tps. 19 S., Rs. 17 and 18 E.
         Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
         to bedrock, in a mound of stone, 4 ft. base to top, with brass cap
                                        S1 S5
                                         CC
                                      7479 C 260 S E C 26
                                        1960
         from which
            The cor. of secs. 32 and 33, T. 18 S., R. 18 E., bears East 10 11
            chs. dist., and is monumented with an iron post, 22 ins. diam.,
            set, mkd. and witnessed as described in the field notes of the S
            bdy. of T. 18 S., R. 18 E., which was surveyed concurrently unde
            this same survey group.
         Land, mountainous.
         Soil, rocky clay.
         Timber, medium dense pinon and juniper.
                 Survey of the South Boundary of T. 19 S., R. 17 E.
        From the cor. of Tps. 19 and 20 S., Rs. 17 and 18, E., moramented
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From the cor. of Tps. 19 and 20 S., Rs. 17 and 18 E., moramented with a 2½ ins. iron post, set, mkd. and witnessed as described in the field notes of the 1960 survey of the E. bdy. of T. 20 S., R. 17 E., executed concurrently under this same survey group.

West, along the S. bdy. of sec. 36.

... Survey of the South Boundary of T. 19 S., R. 17 E.

Chains Over broken land, through scattered pinon and juniper.

25.90

40.00

1 2 1.

67.40

8.00

38.00

40.00

80.00

By triangulation; desc. about 600 ft. over W. slope.

Approx. dist. to bottom of canyon, drains SW.; asc. about 350 ft. over E. slope.

Point for the & sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 21 ins. diam., 8 ins. in the ground

to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T19S R17E ₹ S36 **T20S**

1960

Asc. about 200 ft. over E. slope.

Spur, projects N.; desc. about 100 ft. over W. slope. 80.00 Point for the cor. of secs. 35 and 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T19S R17E

1960

S35 S36 T20S

Land, mountainous and broken. Soil, rocky...

Timber, scattered pinon and juniper.

West, along the S. bdy. of sec. 35.

Over broken, mountainous land, through scattered pinon and juniper.

By triangulation; desc. about 60 ft. over gradual NW. slope.

Approx. dist. to E. rim of canyon, bears NE. and SW.; desc. about 560 ft. over abrupt NW. slope.

Approx. dist. to bottom of canyon, drains SW.; asc. about 220 ft. over E. slope.

Point for the & sec. cor. of sec. 35.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

> **T20S** 1960

T19S R17E <u>₹ 835</u>

45.90 Slope changes to S.; asc. about 260 ft. along S. slope.

60.60 End of triangulation on spur projecting S.; desc. about 250 ft. along S. slope.

> Point for the cor. of secs. 34 and 35; falls on large boulder where cor. cannot be established.

Survey of the South Boundary of T. 19 S., R. 17 E. Chains Land, broken 🔑 🕓 Contract to the second of the second court of Soil, rocky. Timbers scattered pinon and juniper اللا تد مدان الديالات Legal to me low of the de . . ch gala .o.cat .A West, along the S. bdy. of sec. 34. . 30 50 100 100 1001 . .10 Point selected for the witness cor. of secs, 34 and 35, Low Color Care Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T19S R17E 834 S35 W **T20S** · 😅 1960 Over broken land, through scattered pinon and juniper By triangulation; desc. abtou 300 ft. along S. slope. 23.90 Approx. dist. to draw, drains S.; asc. about 500 ft. along S. slope. 37.28 End of triangulation; spur projects SW.; desc. about 400 ft. over SW. slope by triangulation. 40.00 Point for the & sec. cor. of sec. 34. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T19S R17E ₹ S34 T205 -1960 65.90 Change to W. slope. 75.90 Approx. dist. to bottom of canyon, drains SW.; asc. about 150 ft. over E. slope. 80.00 Point for the cor. of secs. 33 and 34. Set an iron post, 30 ins. long, 2½ ins. diam, 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. and a set of a contract of the -<mark>833 | \$34</mark> - Charles - Jacquie Charles - Ch T20S 1960 Land, broken. Soil, rocky. Timber, scattered pinon and juniper. cols .cols .color to issue . C.3 .. E.D ϕ . It places to the second constant ϕ , ϕ West, along the S. bdy. of sec. 33. S. slope. . Over broken imountainougal and jaktedugh won todres place and juniper. Asc. about 1500 oft. dever broken B. slope er W. slope.

U. 4. GOVERNMENT PRINTING OFFICE 18-2845

	Survey of the South Boundary of T. 19 S., R. 17 E.
Chains	
21.90	Slope changes to S.; asc. about 70 ft. along same.
29.80	Spur, projects S.; desc. about 370 ft. over W. slope.
37.90	Slope changes to N.; desc. about 30 ft. along same
40.00	Point for the k sec. cor. of sec. 33.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T19S R17E *\frac{1}{2} S33 T20S
	1960
	Cont. by triangulation; desc. about 450 ft. over NW. slope.
50.00	Approx. dist. to draw, drains SW.; asc. about 60 ft. over SE. slope.
56.00	Approx. dist. to spur, projects S.; desc. about 60 ft. over W. slope.
60.00	Approx. dist. to draw, drains S.; asc. about 300 ft. over E. slope.
75.00	Approx. dist. to head of draw, drains SE.
80.90	Point for the cor. of secs. 32 and 33, on spur projecting S.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T19S R17E <u>\$32 \$33</u>
	T20S 1960
	Land, mountainous, broken. Soil, rocky. Timber, scattered pinon and juniper.
	West, along the S. bdy. of sec. 32.
	Over broken land, through scattered pinon and juniper.
	By triangulation; desc. about 50 ft. over W. slope.
5.00	Approx. dist. to draw, drains S.; asc. about 200 ft. over E. slope.
35.90	Ridge, bears N. and S.; desc. about 660 ft. over broken W. slope.
40.00	Point for the k sec. cor. of sec. 32.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a collar of stone to top, with brass cap mkd.
	119S R17E
	技 S32 T20S
	1960
48.30	E. rim of canyon, bears N. and S.; ledge 50 ft. high; desc. abruptly by triangulation.
70.00	Approx. dist. to bottom of canyon, drains Swarascy about 300 ft. over E. slope.
	Tribute of Alexander Section 1969

84.45

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Survey of the South Boundary of E. 19 S. R. 17 E.
Chains
                                                   Point for the cor. of secs. 31 and 32.
80.00
                                                   Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
                                                   to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap
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                                                                                                                                                              . _ . . . . . . T19ScR17E: ' :
                                                                                                                                                                                                                         S31 S32
                                                                                                                                                                                                                . T20S
                                                                                             L. J. B. J. B. J. B. J. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. J. B. 
                                                                                                                                                                                                              ...1960
                                                 Land, broken.'
                                                  Soil, rocky.
                                                  Timber, scattered pinon and juniper.
```

West, along the S. bdy. of sec. 31.

Over broken land, through scattered pinon and juniper.

By triangulation; asc. about 40 ft. over SE. slope.

5.20 Approx. dist. to spur, projects S.; desc. about 250 ft. over SW. Approx. dist. to draw, drains SE; asc. about 600 ft. over SE, Sl 22.00 40,00 True pt. for the & sec. cor. of sec. 36 falls on steep ledge where

cor. cannot be established. 51,20 End of triangulation on W. rim of canyon and ledge 75 ft. high, with NE. and S.; asc. about 30 ft. over gentle E. slope.

51.45 Point selected for the witness & sec. cor. of sec. 31.

> Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

> > T19S R17E **T20S** 1960

58.40 Ridge, bears N. and S.; desc. about 320 ft. over SW. slope.

81.40 Head of draw, drains NW.; asc. about 60 ft. over N. slope.

> The cor. of Tps. 19 and 20 S., Rs. 16 and 17 E., monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in

Land, broken. Soil, rocky.

official record.

Timber, scattered pinon and juniper. الراب المستطاعين . _ . &

washing our share of the

Survey of a Portion of the Subdivision of T. 19 S., R. 17 E.

والمرافقة والمطاف والمسابقات

From the cor. of secs. 35 and 36, on the S. bdy. of the Tp.

1 2 3 3 € C N. 0° 01' W., bet. secs. 35 and 36.

Over broken, amountainous land, through scattered pinon and juniper. .. qc18 .10 3 m Desc. about 60 ft. over N. slope.

.d VI .9 . Survey of a Portion of Subdivision of Tov19'S., R. 17 E Chains gols .Who sero theorem .buck thousand the line change of the over S. slope. 11.00 51 003 **16.95** ods .oes | .we amissb , here as no morned c. .ded .dering ... Ridge, bears E. and W.; cont. by triangulation about 150 ft. over N. slope. we but tall to seed the area to the control of the seed of the seed Approx. dist. to draw, drains Wollasc. about 60 ft, over S. slope. End of triangulation of by the form of the same we had not been 39.04 39.34 Point selected for the witness & sec. cor. of secs. 35 and 36. Set an iron post, 30 ins. long, 23 ins. diam, 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap T19S R17E ાતા. કંઇ કરાહે કરો, છે. કરો કરો કરો કરો. \$36≷ \$35 \$36 .A. A.a. 33 WkCon 2 od . 1960 Cont. by triangulation; desc. about 430 ft. over N. slope. True point for the 1/2 sec. cor. of secs. 35 and 36 falls on ledge 70 40.00 ft. high, bears NE, and SW. and is not monumented. , **61 -00**, Approx. dist. to bottom of canyon, drains irregularly SW.; asc. about 450 ft. over SE. slope. ີ80.00ັ Point for the cor. of secs. 25, 26, 35 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 32 ft. base to top, with brass cap mkd ; go on he see . . ; he could be recorded 663. d T19S R17E S26 S25 S35 S36 1960 Land, mountainous, broken. Soil, rocky. C . E Timber, scattered pinon and juniper. A resolvable to $q_0(0) \neq 0$ that the built to ϕ From the cor. of secs. 25, 29, 32 and 36, on the E. bdy. of the Tp. N. 89° 56' W., bet. secs. 25 and 36. au cout d Over broken, mountainous land, through scattered timber. Asc. about 320 ft. over E. slope. 14.27 Ridge, 1.00 ch. wide bears N. and S.; beginning of triangulation; desc. about 700 ft. over NW. slope. 30.25 End of triangulation. ಗೂಲನ್ನು ತಲಿಡಿದ 39.92 Point for the 1 sec. cor. of secs. 25 and 36. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mk T19S R17 E

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Survey of a Portiga of the Subdivision of Tav1928., R. 17 E.
      Chains
                                            Beginning of triangulation; cont. descent over NW. slope
                                                                                                                                                                                                                                                                                                           00.13
                                            Aftervolusion of the constant of the second constant to be seen
                                           Approx. dist. to bottom of canyon, drains SW.; asc. about 400 ft. over SE: slope. Since to the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c
     68.10
                                           End of triangulation on top of ascent, bears NE. and SW.; desc. about 30 ft. over W. slope.
     72.34
                                                                                                                                                                                                                                                                                                          10.80
                                                                                                                                                                                                                                                                                                          ( . . . . . .
    79.84
                                            The cor. of secs. 25, 26, 35 and 36.
                                           Land; mountainous, broken, contained the best best and
                                           Soil, rocky.
                                           Timber, scattered pinon and juniper.
                                           From the cor. of secs. 33 and 34, on the S. bdy. of the Tp.
                                           N. 0° 02' W., bet. secs. 33 and 34.
                                           Over broken land, through scattered timber.
                                          judiu in tradicioni in liveri in Costine con contra di contra di contra di contra di contra di contra di contra
                                           By triangulation; asc. about 150 ft. over steep and broken S. slo
                                                                                                    The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
       6.00
                                           Approx. dist. to spur, projects E.; desc. about 200 ft. over N. s
11.00
                                          Approx. dist. to draw, drains E., asc. about 100 ft. over S. slope.
   17.00
                                          Approx. dist. to spur, projects E.; desc. about 200 ft. over N. 8
   40.00
                                          Point for the \frac{1}{4} sec. cor. of secs. 33 and 34.
                                                                                                                                                                                               Set an iron post; 30 ins. long, 21 ins. diam., 8 ins. in the game 1
                                           to bedrock, in a mound of stone, 3½ ft. base to top; with brass
                                         mkd.
                                                                                                                                                                   T19S R17E
                                                                                                                                                                                Ł
                                                                                                                                                                      S33 S34
                                                                                                                                                                            1960
                                                                                                                                                                                                           Company Communication
                                         Asc. about 600 ft. over SE. slope.
  64.94
                                         End of triangulation on top of vertical ledge 80 ft. high, bears NE
                                         and SW.; desc. about 80 ft. over gentle N. slope.
                                      Point for the cor. of secs. 27, 28, 33 and 34.
  80.00
                                         Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
                                        to bedrock, in a mound of stone, 4 ft. base to top, with brass cap
                                       mkd.
                                       and a second of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the c
                                                                                                                                                                T19S R17E
                                                                                                                                          S33 S34
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I down to be no such and the second of the

Timber, scattered pinon and juniper.

Land, broken. Soil, rocky.

. N. N. . Survey of a Roution of the Subdivision of C. 19 S., R. 17 E.

N. 0° 02' W., bet, secs. 27 and 28.

Chains

5. 7.00 U

47.12

80.00

26.00

40.00

Over broken land, through medium dense timber.

Desc. about 20 ft. over NE_slope.

1.00 Draw, drains NE.; asc. about 20 ft. over SE. slope. 0.44 ± 0.06 and 0.06 ± 0.06 and 0.06 ± 0.06

3.40 Small spur, projects E.; desc. about 30 ft. over N. slope.

Classes,

Draw, drains SR.; asc. about 190 ft. over S. slope.

32.60 Slope changes to E.; asc. about 60 ft. over same.

40.00 Point for the 1 sec. cor. of secs. 27 and 28.

> Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T198 R17E

S28 S27

1960

Spur, projects E.; beginning of triangulation; desc. about 250 ft.

over NE. slope. ترافيون والحالك بالمط 10 July 10 Co. 12 62.00 Approx. dist. to draw, drains E.; asc. about 250 ft. over S. slope.

.i. buritu - e.... 77.61 End of triangulation on spur, projects E.; desc. about 10 ft. over

> NE. slope. was a case of the contract of the second ٥..

Point for the cor. of secs. 21, 22, 27 and 28.

Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground in a collar of stone to top, with brass cap mkd.

T19S R17E

S21 | S22 S28 S27 1960

Land, broken.

Soil, rocky. 223 - G. J. J. Timber, medium dense pinon and juniper.

The state of the s

N. 0° 02' W., bet. secs. 21 and 22.

ي يوالد الأنبي بيه بهدي بيد الفيه بالشيخ هي الم Over broken, mountainous land, through medium dense timber.

يَ يَا لِمِينِ الْمِفْدُونِ اللَّهِ فَي اللَّهِ فِي اللَّهِ فِي اللَّهِ فِي اللَّهِ فِي اللَّهِ فِي اللَّهِ فِ 1. 663 ...62 ... E.L.S.

. 6 . 32 Desc. about 390 ft. over broken N. slope.

the grown of the contract of Wash, 20 lks. wide, 6 ft. deep, drains NW.; asc. about 60 ft. over

S. (810pe) (1.00) (1.00) (2.0

Point for the 1/2 sec. cor. of secs. 21 and 22.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T19S R17E

\$21\subseteq\$522

Survey of a Pontion of the Subdivision of C. 49 5., R. 17 E. Chains Thence asc. about 280 ft. over Sasslopes (. w 120 10 10 15) 52.80 Ridge, bears E. and W.; desc. about 480 ft. over broken N. slope. 79.70 Bottom of canyon, drains irregularly W.; asc. about 30 ft. over S. slope. 80.00 . 4 66 Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the g to bedrock, in a mound of stone, 4 ft. base to top, with brans cap redo .sta T19S R17E 1. N. N. S. 100 A. C. S16 515 U. . C. S21 S22 Land, broken. Soil, sandy, rocky. Timber, medium dense pinon and juniper. N. 0° 02' W., bet. secs. 15 and 16. Over broken, mountainous land, through medium dense timber. or the cold of the cold or Beginning of triangulation; asc. about 300 ft. over S. slope. 22.03 End of triangulation on ridge, bears E. and W.; desc. about 300 ft. over N. slope. 40.00 Point for the 1/2 sec. cor. of secs. 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the growth in a collar of stone to top, with brass cap mkd. T19S R17E S16 S15 Beginning of triangulation; desc. about 50 ft. over N. slope. .૧૦ માટા મહત્વના મહત્વના કરા 46.00 Approx. dist. to draw, drains W.; asc. about 300 ft. over S. slope. 57.39 End of one triangulation on ridge bearing E. and W.; beginning of another triangulation, desc. about 200 ft. over N slope. 74.00 Approx. dist. to small wash, drains NW. THE COLD WHOLE STORES OF THE COLD STORES 79.39 End of triangulation. 20 cm 70 de ... 2 0.2 2000 3 .28 Point for the cor. of secs. 9, 10, 15 and 16. 80.00 Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap T19S R17E $\frac{5^{9} \text{ St0}}{\text{St6} \text{ S15}^{13}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St6}} = \frac{5^{19} \text{ St0}}{\text{St0}} = \frac{5^{1$ 1960 Land, mountainous, broken.

Soil, sandy, rocky.

Timber, scattered pinon and juniper.

12 (1) 18 1. Supply of a Pertien of the Subdivision of T. 19 S., R. 17 E.

Chains

40.00

5.00

10.00

17.00

40.00

W. 0° 02° W., bet. secs. 9 and 10.

Over broken, mountainous land, through scattered timber.

Beginning of triangulation; desc. about 450 ft. over broken N. slope.

Approx. dist. to bottom of canyon, drains W.; asc. about 500 ft. over

Approx. dist. to bottom of canyon, drains W.; asc. about 500 ft. over S. slope.

Point for the k sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, 2% ins. diam., 20 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T19S R17E S 9 S10 1960

45.79 End of triangulation.

46.00 Narrow sandstone ridge, bears E. and W. beginning of triangulation; desc. about 500 ft. over broken steep N. slope.

80.00 Point for the cor. of secs. 3, 4, 9 and 10.

Set an iron post, 30 ins. long, 2% ins. diam., 20 ins. in the ground, in a collar of stone to top, with brass cap mkd.

Soil, sandy, rocky. Timber, scattered pinon and juniper.

Land, mountainous, broken.

N. 0° 02' W., bet. secs. 3 and 4.

Over broken, mountainous land, through scattered timber.

Beginning of triangulation; desc. about 30 ft. over N. slope.

Approx. dist. to bottom of Rattle Snake Creek, with a stream of clear water 3 lks. wide, 3 ins. deep, drains W.; asc. about 90 ft. over broken SW. slope.

Approx. dist. to small spur projects W.; desc. about 60 ft. over NW. slope.

Approx. dist. to draw, drains SW.; asc. about 300 ft. over broken SW. slope.

Point for the & sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2% ins. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T19S R17E & S4|S3 1960

46.25 End of triangulation.

Spur, projects W.; buginaise of triangulation; desc. about 150 ft.

Survey of a Portion of the Subdivision of T. IS., R. 17 E.

Chains
55.00 Approx. dist. to head of draw, drains W.; asc. about 200 ft. over S. slope.

- 67.84 End of triangulation on spur projecting W.; desc. about 220 ft. over NW. slope.
- 75.10 Slope changes to N.; desc. about 110 ft.
- 80.00 Point for the 1/16 sec. cor. of secs. 3 and 4.

Set an iron post, 30 ins. Iong, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

0.0

T19S R17E 1/16 S4|S3 80 1960

88.50 Draw, drains W.; asc. about 60 ft. over S. slope.

98.14 Intersect the S. bdy. of T. 18 S., R. 17 E.

Point for the closing cor. of secs. 3 and 4.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap

S4 S3 C C T19S R17E 1960

from which,

The original cor. of secs. 2, 3, 34 and 35 bears E. 22.43 chs. 14 and is monumented with a 2 in. iron post, set, mkd. and witnessed as described in the official record. This cor. now functions as the cor. of secs. 34 and 35, T. 18 S., R. 17 E. only, and is remarked so that it now reads:

T18S R17E S34|S35 T19S 1960 1920

Land, mountainous, broken.
Soil, sandy, rocky.

Timber, scattered pinon and juniper.

At the point for the closing cor. of secs. 2 and 3, T. 19 S., R. 17 at a calculated dist. of 159.76 chs. W. of the NE. cor. of the Tp., and at a measured dist. of 17.44 chs. E. of the St sec. cor. of sec. 35, T. 18 S., R. 17 E. (which is altered from the original t sec. co of secs. 2 and 35, to now function for sec. 35 only).

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass mkd.

S 3 S 2 C C T19S R17E

.3 71 .3 Survey of a Pertion of the Subdivision of T. 19/S., R. 17 E. Chains .H (. 8 45...10°, 011 E., beth secs.4.2 and 3.15 out on they are .25 co. 30 .40 20 Over broken land, through medium growth of timber. evitina i Alf to bare a bisica again a hoder to go to be and a con-Desc. about 30 ft. over 5. slope. _ 113 e ana .45 Wash, 20 lks. wide, 2 ft. deep, drains SW. about 2.00 chs. then turns 403 j 504 auc. a 9.00 Draw, drains W. 1.00 ch. to main wash; asc. about 140 ft. over NE. slope. 18.10 Spur, projects W.; desc., about 110 ft. over SW. slope. 1115 5111 18.16 Point for the 1/16 sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone to top, with brass cap mkd. T19S R17E 1/16 S3 | S2 80 1960 29.00 Draw, drains W.; asc. about 100 ftu over NW. slope. 40.50 Spur, projects W.; desc. about 280 ft. over S. slope. 58.16 Point for the & sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T19S R17E S3 S2 1960 Draw, 40 ft. below & sec. cor., drains SW.; asc. about 30 ft. over 59.00 NW. slope. Vertical ledge, 70 ft. high, bears E. and W.; desc. about 520 ft. 64.50 over broken SW. slope. 85.00 Botyom of Rattle Snake Creek, with streem of clear water, 3 lks. wide, 3 ins. deep, drains NW.; asc. about 150 ft. along E. slope. 98.16 Point for the cor. of secs. 2, 3, 10 and 11. Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone to top, with brass cap mkd. .: 20 : . . **T19S R17E** \$3 S2 S10 S11 1960 Land, broken. Soil, rocky..... Timber, scattered pinon and juniper. About the production of the contraction 1.51.0

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Survey of a Portion of the Subdivision of T. 19 S., R. 17 E.

Chains

At the point for the closing cor. of secs. 1 and 2, T. 19 S., R. 17 E., at a calculated dist. of 79.88 chs. West of the NE. cor. of the Tp., and at a measured dist. of 22.68 chs. West of the cor. of Tps. 18 S., Rs. 17 and 18 E., described in the field notes of the survey of the S. bdy. of T. 18 S., R. 18 E., executed concurrently under this same survey group.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the to solid rock, in a mound of stone, 4 ft. base to top, with brass mkd.

S 2 S 1 C C T19S R17E

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01.71;

S. 0° 01. Bi, bet. secs. 1 and 2.0. 2.0. 2.0. 3. 3. 3. 3. 3.

Over mountainous land, through scattered timber; desc. about 180 ft over S. slope.

- 8.20 Wash, 10 lks. wide, 6 ft. deep, drains SE.; asc. about 50 ft. over NE. slope.
- 18.18 Point for the 1/16 sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the groin a collar of stone to top, with brass cap mkd.

T19S R17E

1/16

S2|S1

80

1960

Cont. by triangulation.

- Top of vertical ledge, 40 ft. high, bears E. and W.; desc. about 450 ft. over S. slope.
- 57.58 Point selected for the witness & sec. cor. of secs. 1 and 2.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T19S R17E

\$2 | S1

C

1960

- True point for the k sec. cor. of secs. 1 and 2 falls on vertical ledge where cor. cannot be established.
- 74.20 Approx. dist. to bottom of Rattle Snake Creek, drains W.; asc. about 600 ft. over broken N. slope.
- 98.18 Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 19 S., R. 17 E.

```
Chains
                            T19S. R17E
                             S2 S1
                             S11 S12
```

1960 Land, mountainous and broken.

Soil, sandy and rocky.
Timber, scattered pinon and juniper.

N. 89° 55' W., bet. secs. 2 and 11.

3.10

40.00

48.60

49.10

57.20

80.00

.50

slope.

Over broken land, through scattered timber.

Asc. about 30 ft. over NE. slope.

Spur, projects N.; desc. about 270 ft. along N. slope.

21.80 Bottom of descent; asc. about 30 ft. along N. slope.

30.10 Spur, projects N.; beginning of triangulation; desc. about 500 ft.

over abrupt broken ledges and talus on W. slope.

End of triangulation and point for the & sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap

mkd.

Bottom of Rattle Snake Creek, drains S.; asc. about 110 ft. over E.

T19S R17E $\frac{1}{4} \frac{S}{S11}$ 1960

Spur, projects S.; desc. about 40 ft. along S. slope.

Bottom of Rattle Snake Creek, with stream of clear water, 3 lks. wide

3 ins. deep, drains N. 80° W.; asc. about 170 ft. along N. slope.

The cor. of secs. 2, 3, 10 and 11.

Land, mountainous, broken.

Timber, scattered pinon and juniper.

Soil, sandy, rocky.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs, 16 and 21.

Over broken land, through medium dense timber.

Wash, 20 1ks. wide, 3 ft. deep, drains SW.; asc. about 60 ft. over

E. slope 2003.

3.60 Spur, projects S.; desc. about 50 ft. along S. slope.

14.00 Bottom of descent; asc. about 70 ft. over SE. slope.

18.10

Spur, projects S. about 3.00 chs.; desc. about 160 ft. over W. slope.

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Survey of a Portion of the Subdivision of T. 19 S., R. 7 E.
  Chains
  36.20
                    Draw, drains NW. about 6.00 chs., then irregularly W.; asc. about
                    ft. over NE. slope. 🕾
  40.00
                   Point for the 2 sec. cor. of secs. 16 and 21.
                   Set an iron post, 30 ins. long, 24 ins. diam., 6 ins. in the ground
                    to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
                                                                            T19S R17E
                                                                              S21
                                                                                1960
                   Asc. about 70 ft. over NE. slope.
  52.30
                   Spur, projects N. about 1.50 chs.; desc. about 60 ft. over W. slope
                   Draw, drains N. about 2.00 chs. to main canyon; asc. about 100 ft.
  55.00
                   over E. slope.
                                                                           60.20
                   Spur, projects N. about 4.00 chs.; desc. about 30 ft. over W. slope
 62.00
                   Draw, drains N.; asc. about 180 ft. over NE. slope.
 79.00 ·
                   Spur, projects N.; desc. about 10 ft. along N. slope.
 80.00
                   Point for the cor. of secs. 16, 17, 20 and 21.
                   Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the group
                   and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor., wit
                  brass cap mkd.
                                                                           T19S R17E
                                                                            S17 S16
                                                                            S20 S21
                                                                       1960
                  Land, mountainous, broken.
                                                                         Soil, sandy, rocky.
                  Timber, medium dense pinon and juniper.
                                                                         The Community of the Community
                                                                       3 V. . . . . . . .
                  N. 0° 03' W., bet. secs. 16 and 17.
                  Over broken land, through medium dense timber; by triangulation; des
                  about 100 ft. over NW. slope: A G Communication of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the st
  8.00
                  Approx. dist. to draw, drains NE.; asc. about 150 ft. over SE. slope
15.00
                  Approx. dist. to spur, projects NE.; desc. about 250 ft. over NW.
                  sløpe.
                                                               -- , 2 , 12 .1525 . . .102 fee
28.00
                  Approx. dist. to draw, drains NE.; asc. about 400 ft. over SE. slope
40.00
                 Point for the k sec. cor. of secs. 16 and 17.
                 Set an iron post, 30 ins. long, 22 ins diam, 3 ins. in the ground
                  to bedrock, in a mound of stone, 32 ft. base to top, with brass cap
                 mkd.
                                            ., projects for desc. abone 10 in the
                                                                         T19S R17E
                                                                          ನಾಟಕ 🍇 ಅನಿಕಾ
                                                                                             ිය වර්ගම්න විව සිටුවෙන්
                                                                                                                                         OC. 12
                                                                           S17 S16
                                    End of triangulation.
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Luik odranuski faketim artiar 11. 264-28480-2

Survey of a Portion of the Subdivision of T. 19 S., R. 17 E. Chains 42.10 Spur, projects E.; beginning of triangulation; desc. about 450 ft. over NE. slope. Approx. dist. to draw, drains E.; asc. about 450 ft. over S. slope. 60.00 80.00 Point for the cor. of secs. 8, 9, 16 and 17. Set an iron post, 30 ins. long, 22 ins. diam., 3 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T19S R17E S8 S9 S17 S16 1960 Land, mountainous, broken. Soil, sandy, rocky. Timber, scattered pinon and juniper. From the cor. of secs. 9, 10, 15 and 16. N. 89° 59' W., bet. secs. 9 and 16. Over broken, mountainous land, through scattered timber. Asc. about 20 ft. over NE. slope. Spur, projects N.; desc. about 200 ft. over W. slope. 3.40 7.91 Beginning of triangulation. 19.10 Approx. dist. to draw, drains N.; asc. about 400 ft. over NE. slope. 25.06 End of one triangulation on spur projecting N.; beginning of another triangulation; desc. about 150 ft. over W. slope. 34.51 Point selected for the witness 1/2 sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd. T19S R17E ½ <u>§ 9</u> S16 WC 34.68 End of one triangulation, beginning of another; desc. about 450 ft. over W. slope. 34.90 Top of vertical ledge, 75 ft. high, bears N. and S. 39.93 True point for the 2 sec. cor. of secs. 9 and 16 falls on broken ledge where cor. cannot be established.

C(3 ...)

Approx. dist. to bottom of canyon, drains NE.; asc. about 600 ft. over SE. slope. 79.86

The cor. of secs. 8, 9, 16 and 17. Land, mountainous, broken.

55.90

Soil, sandy, rocky. Timber, scattered pinon and juniper. -678 b

22.50

22.69

Survey to of a Portion of the Subdivision of T. 19 8% R. 17 E. Chains From the cor. of secs. 32 and 33, on the S. bdy. of the Tp. N. 0° 03' W., bet. secs. 32 and 33. Over broken land, through scattered timber; asc. about 310 ft. over abrupt S. slope. 6.80 Spur, projects SB.; beginning of triangulation; desc. about 450 ft. over NE. slope. 30.00 Approx. dist. to draw, drains E.; asc. about 400 ft. over S. slope. 40.00 Point for the & sec. cor. of secs. 32 and 33 falls on ledge where cor. cannot be established. End of triangulation and point selected for the witness & sec. cor. 49.80 of secs. 32 and 33. Set an iron post, 30 ins. long, 2½ ins. dism., 6 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T19S R17E **k** . S324S33 M C 1960 Asc. about 50 ft. over gentle SE. slope. 71.50 Spur, projects E.; desc. about 30 ft. along E. slope. 80.00 Point for the cor. of secs. 28, 29, 32 and 33. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the games in a collar of stone to top, with brass cap mkd. T19S R17E S29 S28 S32 S33 1960 Land, broken S. 50.00 chs., rolling N. 30.00 chs. Soil, sandy, rocky. Timber, scattered pinon and juniper. From the cor. of secs. 31 and 32, on the S. bdy. of the Tp. N. 0° 03' W., bet. secs. 31 and 32. Over broken land, through scattered timber. By triangulation; asc. about 450 ft. over abrupt S. slope.

Top of vertical ledge, 60 ft. high, bears E. and W.

End of triangulation; asc. about 70 ft. over gentle S. slope.

33.80 Spur, projects W.; desc. about 20 ft. over gentle N. slope.

40.00 Point for the 1 sec. cor. of secs. 31 and 32.

> Set an iron post, 30 ins. long, 24 ins. diam., 20 ins. in the gre in a collar of stone to top, with brass cap mkd.

> > to a committee of the control of the

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. Survey of a Portion of the Subdivision of T. 19 S., R. 17 E.
  Chains
                     . Cas . 12 Ha . Continse R17E4 C. C. S. Sett Equ.
                                    3 28531 532% . 2021 . 10 . 10 2 . 10
 41.00
          Draw, drains SW.; asc. about 30 ft. over gentle S. slope.
          Spur, projects SW.; desc. about 10 ft. along gentle W. slope.
 47.60
 53.80
          Slope changes to N.; desc. about 20 ft.
 61.80
          Draw, drains NW.; asc. about 10 ft. over gentle SW. slope.
69.10C
          Spur, projects NW.; desc. about 20 ft. over gentle N. slope.
80.00
          Point for the cor. of secs. 29, 30, 31 and 32.
         Set an iron post, 30 ins. long, 22 ins. diam., 20 ins. in the ground
         and in a collar of stone to top, with brass cap mkd.
                                      T19S R17E
                                      S30 S29
                                       S31 S32
                                         1960
         Land, broken S. 20.00 chs., rolling N. 60.00 chs.
         Soil, sandy, rocky.
         Timber, scattered pinon and juniper.
         From the cor. of secs. 28, 29, 32 and 33.
         N. 89° 58' W., bet. secs. 29 and 32.
         Over rolling land, through scattered timber; desc. about 70 ft.
         over W. slope.
12.00
         Draw, drains N.; asc. about 30 ft. over E. slope.
14.70
         Spur, projects N. about 1.00 ch.; desc. about 40 ft. over W. slope.
19.00
         Draw, drains N.; asc. about 10 ft. over E. slope.
26.70
         Spur, projects N.; desc. about 30 ft. over W. slope.
32.00
         Small draw, drains N.; asc. about 20 ft. along N. slope.
40.00
         Point for the 1 sec. cor. of secs. 29 and 32.
         Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
         to bedrock, in a mound of stone, 4 ft. base to top, with brass cap
         mkd.
                                      T19S R17E
                                       ½ <u>529</u>
         Desc. about 230 ft. over W. slope.
43.00
         E. rim of canyon; ledge, 40 ft. high, bears NE. and SW.
49.00
         Bottom of canyon, drains N.; asc. about 360 ft. over E. slope.
53.10
         W. rim of canyon; ledge, 50 ft. high, bears N. and S.
```

and the State of a Portion of the Subdivision of Table 8., R. 17 E.

Chains 72.80

80.00

Slope changes to N.; ast about 10 ft. along N. slope.

The cor. of secs. 29, 30, 31 and 32.

Land, rolling.

Timber, scattered pinon and juniper.

'General Description

T. 19 S., R. 17 E., is mountainous, broken land located in the land cliffs near Green River, Utah. Elevation varies from 4,500 to 8,616 feet above sea level.

The area is drained in a westerly direction by Rattle Snake Creek and Tusher Creek and numerous smaller canyons. There is a small stream of clear water in Rattle Snake Creek. No other source of water was noted. There are no roads in the area.

Timber consists of scattered to dense stands of pinon and juniper. The soil is mostly rocky sand with sandstone outcroppings.

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4-680 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
A. D. Griffin	Crew Chief
Rex J. Edwards	Transitman
Douglas G. Haycock	Chainman
Gary T. Oviatt	Chainman
David Hickman	Flagman
Dale F. Keller	Cornerman
	<u> </u>
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16-53565-2

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorbees , HEREBY CERTIFY upon honor that
pursuance of special instructions bearing date of the
Thave surveyed: Figure Ford for Four party to the mention of the Athenry Library Company
្សាស្ត្រា មាននាក់ស្ត្រាធាននេះ បានស្នាស់ ស្ត្រាធាននេះ ប្រធាននេះ ប្រធាននេះ ប្រធាននេះ
garanting the state of the sta
of the Salt Lake Meridian, in the State of Utah , which
represented in the foregoing field notes as having been executed because and under my direction; and
said survey has been made in strict conformity with said instructions, the Manual of Instructions for
Survey of the Public Lands of the United States, and in the specific manner described in the f
field notes.
Salt Lake City, Utah
August 16, 1961 George Cadastral Convor
CERTIFICATE OF APPROVAL
BUREAU OF LAND MANAGEMENT,
Washington, D. C.,JUN 2 5 1962, 19
The foregoing field notes of the survey of the second second second sections and beginning to the second se
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executed by Architecture Confirmation of Confirmation Con
naving been critically examined and found correct, are nereby approved.
Codustrid Brother Day Stuff Office
Chief, Division of Engineer
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CERTIFICATE OF TRANSCRIPT
til terment i strikt hit og året innere, kjån i kat stålt, rikg at it mel, vog sladgerker av gystys er i
P 17 P SIM Heab
R. 17 E., SLM, Utah, is a true copy of the original first restriction.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

	SUI	RVEY OF A		
***************************************	PORTION OF	THE EAST BOUN	DARY	
***************************************		AND		
	PORTION OF THE	E SUBDIVISION	AL LINES	
	•••••	OF		·
	TOWNSHIP 19 SC	OUTH, RANGE 18	8 EAST	
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				<u>-</u>
	••••			
•••••	••••••			
Of the	Sa	alt Lake	Meridian,	
			•	
In the State of		Utah		
	EXEC	UTED B	Y	
			Technician	
	n B. Hatch, S d R. Chappell,		inician irveyor	
	•			
onder the superv	Cadastral	Surveyors	and Craig P. Sylvester,	
Under special instruction	s dated	February	11, 1960, which	provided
for the surveys included	under Group λ	Vo399	, approved February 2	3, 1960
and assignment instructi	one dated	April 14 and	1.7010 1 1960	
· · · · · · · · · · · · · · · · · · ·	Ons water	and April 2	25, 1961	
Survey com	menced	September	9, 1960	
Survey com	pleted	May 12	, 1961	
		PRINTING OFFICE 16—56770	· ·	•

INDEX DIAGRAM

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Chappell _____ Hatch ____ Griffin

Chains

Acres .

The south and west boundaries of section 31, T. 18 S., R. 19 E., which now form portions of the north and east boundaries of section 1, T. 19 S., R. 18 E. were originally surveyed by A. J. Stewart, Jr., in 1901. These lines were dependently resurveyed by Glem B. Hatch and A. D. Griffin, respectively, in 1960. In the course of the 1960 work new corners were added to refer to section 1, T. 19 S., R. 18 E., only.

The following field notes are those of a survey of a portion of the east boundary and a portion of the subdivisional lines of T. 19 S., R. 18 E., deemed sufficient in extent to facilitate the development of natural resources and to mark the boundaries of those sections that are normally considered state school sections.

.. . . The survey was executed with W. & L. E. Gurley solar transits, Nos. 541330 and 580158, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with narrow steel tapes, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from S. C..S. planimetric manys. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 07' 10" N. and longitude 109° 52' 16.7" W. as adjusted from traverses to U.S.G.S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15°

Survey Portion of E. L., T. 19 S. R. 18 E.

Chains Survey of a Portion of the East Boundary of T. 19 S. R. 18 E. is a new ball to a construct size that and the continue of the Beginning at the Tp. cor. of Tps. 19 and 20 S. R. 18 E., monumented with a 2½ in. iron post, set, mkd. and witnessed as described in the field notes of the survey of a portion of the E. bdy. of T. 20 S., R. 18 E., executed concurrently under this same survey group. the soft a bury sales of the sales North, along the E. bdy. of sec. 36. Over mountainous land through dense timber s and will a By triangulation; desc. about 500 ft. over broken NW. slope. Approximate dist. to Right Fork of Tusher Creek, 50 lks. wide, 4 ft. deep, drains S. 40° W.; asc. about 400 ft. over SE. slope. Point for the & sec. cor. of sec. 36. Sec. 36. Sec. 36. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 32 ft. base, to top of post, with 336 S 36 1960 40.49 End of one triangulation on spur, projects SE.; beginning of another triangulation; asc. about 340 ft. along E. slope. 65,00 Approximate dist. to head of ravine, drains S. 10° E. 72.20. End of triangulation on top of ledge, 50 ft. high, hears S. 80° E. and N. 80° W.; asc. about 20 ft. over gradual SE. slope. 80.00 Point for the cor. of secs. 25 and 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 3 ins. in the ground to bedrock and in a mound of stone, 32 ft. base to top of post, with brass cap mkd. Comment and the call which the second of the Land, mountainous. Soil, sandy loam, rocky.

Timber, dense pinon and juniper. $(\{\omega_{i}\}_{i=1}^{n},\{\lambda_{i}\}_{$ North, along the E. bdy. of sec. 25. Over broken, mountainous land, through dense timber. Asc. about 30 ft. over gradual SE. slope. 4.15 Top of ascent, bears S. 80° W. and N. 80° E.; beginning of triangulation; desc. about 140 ft. over NW. slope. 12.00 Approximate dist. to ravine, drains N. 85° W.; asc. about 120 ft. over SW. slope.

		Survey Portion of ET Edys, T. 19 Spec R. 18 E.
ĺ	Chains	
	. 23.80 ∪	Approximate dist. to point of rocky spur, projects W.; desc. about 190 ft. over NW. slope.
4	37 .43 √0	End of triangulation. Colares and the second
	40.00	Point for the k sec. cor. of sec. 25.
	in Congress	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone, 3 ft, base to top of post, with brass cap mkd.
		T19S R18E R19E
		S25 1960
	E.	Beginning of triangulation.
	46.00	Approximate dist. to bottom of canyon, drains S. 30° W.; asc. about 480 ft. over SE. slope.
	65.66	End of one triangulation on ridge, bears N. 45° E. and S. 45° W.; beginning of another triangulation; desc, about 400 ft. over NW. slope.
	76.00	Approximate dist. to head of ravine, drains S. 80° W.; asc. about 350 ft. over SW. slope.
	80.00.	Point for the core of secs. 24 and 25 falls on precipitous SW. slope where cor. cannot be monumented.
	ing to grade	Land, mountainous, broken. Soil, sand and rocky loam. Timber, dense pinon and juniper.
		• · · · · · · · · · · · · · · · · · · ·
		est. Posta de la companya de la companya de la companya de la companya de la companya de la companya de la companya
		North, along the E. bdy. of sec. 24.
		Over broken mountainous land, through dense timber; asc. about 180 ft. over abrupt, broken SW. slope.
	8.50	Point selected for the witness cor. of secs. 24 and 25.
		Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.
		T195 R18E R19E S24
		S25↓ WC 1960
		Set on ledge 50 ft. high, bears E. and W.
•	:: <u>8</u> 3 870;;	Spur, projects W. about 4.00 chs.; beginning of triangulation; desc. about 150 ft. over NW. slope.
	14.00	Approximate dist. to head of ravine drains W.; asc. about 120 ft. over SW. slope.
	18.00	Approximate dist. to top of ledge, 15 ft. high, bears NW. and SE.

ı	The state of the s
Chains	
22.00	Approximate dist. to spur, projects W. desch about 40 ft. over M. slope.
28.00	Approximate dist. to ravine, drains W.; asc. about 80 ft. over gentle S. slope.
40.00	Point for the \$ sec. cor. of sec. 24.
,,	Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
	T19S R18E R19E
	\$ \$24 1960
40.50	End of triangulation; asc. about 20 ft. over gentle S. slope.
43.86	Top of ascent, bears NE. and SW.; beginning of triangulation; desc. about 640 ft. over NW. slope.
56.00	Approximate dist, 60 ravine, drains N. 80° W.
62.00	Approximate dist. to point of spur, projects W.
73.76	End of triangulation.
75.00	Canyon, drains S. 20° W.; asc. about 150 ft. over SE. slope.
80.00	Point for the cor. of secs. 13 and 24.
	Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to solid rock and in a mound of stone, 2½ ft. base to top of post, with brass cap mkd.
	T19s
	R18E R19E S13
	\$24 1960
	Land, mountainous.
	Soil, sandy loam, rocky. Timber, dense pinon and juniper.
	North, along the E. bdy. of sec. 13.
	Over mountainous land, through dense timber.
	By triangulation; asc. about 400 ft. over SE. slope.
22.26	End of triangulation on top of ledge, 20 ft. high, bears E. and N. 10
29.70	Top of ascent, bears N. 30° W. and S. 30° E.; beginning of triangulation; desc. about 200 ft. over broken and precipitous NE. slope.
31.50	Point selected for the witness & sec. cor. of sec. 13.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 3 ft. base to top of post, with brass cap mkd.

1 - 10 %, advancable? Vacarrad Service: 12 par-shalls

Survey, Portion of E. Bdy., T. 19 S., R. 18 E.

	Survey, Portion of E. Bdy., T. 19 S., R. 18 E.
Chains	
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	R18E R19E
Law (1)	on the second control of the second control
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	\$13\frac{1}{2} \qquad \text{01.8} \qquad \qquad \text{01.8} \qquad \text{01.8} \qquad \text{01.8} \qquad \qquad \text{01.8} \qquad \text{01.8} \qquad \qquad \text{01.8} \qquad \qquad \text{01.8} \qquad \qquad \text{01.8} \qquad \qqqqq \qqqq \qqqqq \qqqqq \qqqqq \qqqqq \qqqqq \qqqqq \qqqqq \qqq \qqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqq \qqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqqq \qqq \qqqq
	. a. C.2. 3. C. 2. C. 3.
40.00	Point for the 2 sec. cor. of sec. 13 falls on broken and precipitous NE. slope where corner monument cannot be established.
46.00	Approximate dist. to head of ravine, drains E.; asc. about 120 ft. over SE. slope.
80.00	Point for the cor. of secs. 12 and 13 falls on ledge, 50 ft. high, bears N. 70° E. and S. 70° W., an unsuitable position for cor. monument.
	Land, mountainous, broken.
31 , G 58.	Timber, dense pinon and juniper.
(1 2.	North, along the E. bdy. of sec. 12.
(. .	Over broken, mountainous land, through dense timber.
1 50	Defends and the second of the
1.50	Point selected for the witness cor. of secs. 12 and 13, on top of ledge.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone 3 ft. base to top of post, with brass cap mkd.
3 6.	R18E R19E
1.80	Spur projects S. 70° W., about 10.00 chs.; asc. about 120 ft. along
	W. slope.
25.20	Top of ascent, bears S. 80° E. from N. 30° W.; desc. about 60 ft. over steep NE. slope.
27.20	Point selected for the witness \(\frac{1}{2} \) sec. cor. of sec. 12.
. (Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 3 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
	المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع
	T198 3. 3. 3. 6. 10 3. 1 5 7 8 8 8 8 19E
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ę•.	R18E R19E
	T198 3 10 00 00 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0
	R18E R19E W C S12 Beginning of triangulation; desc. about 800 ft. over steep ledges on a broken NE. slope.
	R18E R19E W C S12 Beginning of triangulation; desc. about 800 ft. over steep ledges on a broken NE. slope. Point for the **\frac{1}{2} sec. cor. of sec. 12 falls on broken NE. slope in a position not suitable for a cor. monument.
	R18E R19E W C S12 Beginning of triangulation; desc. about 800 ft. over steep ledges on a broken NE. slope. Point for the \$ sec. cor. of sec. 12 falls on broken NE. slope in a
40.00	R18E R19E W C S12 Beginning of triangulation; desc. about 800 ft. over steep ledges on a broken NE. slope. Point for the k sec. cor. of sec. 12 falls on broken NE. slope in a position not suitable for a cor. monument. Approximate dist. to ravine, drains N. 30° W.; asc. about 820 ft.

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Fig. 1917, Portion of iE. Miller Not. 31905 . SuBrol8 ( Levant.
  Chains
                                                                                                                                     misa.
 71.62
                End of triangulation. Call
                Top of narrow ledge, 70 ft. high, bears N. 40° W. and S. 60° E.;
 79.50
                abruptly about 80 ft. over ledge to witness cor.
 80.00
                Point for the cor. of secs. 1 and 12 falls on ledge where cor. monu-
                ment cannot be established.
                n lieto o alkul il .eet as .itt .oos a per tel lesses.
Land. mountainous, prokens e landes ta aros l.ene agels .Eh
               Soil, rocky loam.
               Timber, dense pinon and juniper, scattered spruce and pine
                              of the cor. of the day of the core of the
                                                                                                                                   60.00
               North, along the E. bdy. of sec. 1.
               Beginning of triangulation; desc. about 800 oft ween stamp precipit
               NE. slope through dense timberach pack on plainty place.
               Point selected for the witness cor. of secs. 1 and 12 at base of le
  1.50
               80 ft. high.
               Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
               to bedrock and in a mound of stone, 3 ft. base to top of post, with
               brass cap mkd.
                                                                      in the last of the case of the case of
                                    (4.1) Latin relia on the 1198 and the reliable at the
                                                                     R18E R19E
                                                                       S 1
                                                          <u>512</u>↓...
                                                                                     LOUIS BOY LOUIS
                                                                       WiC ... 3 - 2 3 3 3 3 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 2 ... 
17.80
               Point selected for the witness closing cor. of Tps. 19 S., Rs. 18
               Set an iron post, 30 ins. long, 2\frac{1}{2} ins. diam., 6 ins. in the ground, to solid rock and in a mound of stone, 3\frac{1}{2} ft. base, to top of post,
               with brass cap mkd.
                                                              .Catopia
                . . . . 6 . 5 . C. . . . . . .
                                                                     T18S R19E
                                                .i. 6 Green ...es ...
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                       .nl .see no .noo .see / R18EUR19E.c to. Procedes t neut
                                                                           T19S
   Consider the S. bdy. of T. 18 S., R. 19 E., athtrue point for class
18.70
               cor. of Tps. 19 S., Rs. 18 and 19 E.; falls on rock ledge where cor.
               monument cannot be established.
              From which
                        The SW. cor. of T. 18 S., R. 19 E., bears N. 88° 05' W.,
                        14.67 chs. dist., and is monumented with an iron post, 2½
                        ins. diam., set, mkd. and witnessed as described in the
                _os field notes of the dependent resurvey of the sibdy tof
                        T. 18 S., R. 19 E., executed concurrently under this same
                        survey group.
       Estate don the a sec. con. or sec. In held as bed on also
               Land, mountainous; broken.. wow a nel eleability to measure,
              Soil, rocky loam.
             Timber, dense pinon and juniper sesattered pine and spruge.
                                                                                                                                   (0.13
                                                                       lower ateep, become the slope.
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	Survey. Portion of Subdivision, T. 19 5., R. 18 E.
Chains	
Chains	Survey of a Portion of the Subdivisional Lines of T. 19 S., R. 18 E.
1	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp., monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the N. bdy. of T. 20 S., R. 18 E.; surveyed concurrently under this same survey group.
	N. 0° 01. W., bet. secs. 35 and 36.3
ာ ျားမှုပမို့အ	Over broken land through dense timber 8.380 (272)
	Asc. about 80 ft. over SW. slope.
5.70	Slope changes to S. slope; asc. about 100 ft.
	Spur projects W.; desc. about 170 ft. over steep N. slope.
	Base of steep slope; desc. about 40 ft. over gentle N. slope.
37.80	Point selected for the witness & sec. cor. of secs. 35 and 36.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock and in a mound of stone 4 ft. base to top of post, with brass cap mkd.
	T19S_R18E
	635 \$36 °°
	60 0000 000 000 000 000 000 000 000 000
40.00	True point for the t sec. cor. of secs. 35 and 36 falls in bottom of draw where cor. monument cannot be permanently established.
	Beginning of triangulation; desc. about 900 ft; over steep, broken
75.00	Approximate dist. to bottom of canyon, drains W.; asc. about 100 ft. over abrupt S. slope.
80.00	ledge where cor. monument cannot be established.
	From true cor. point by 3 and 36 at
	Point selected for the witness cor. of sees. 25, 20, 33 and 30 are end of triangulation, bears N. 0° 01' W., 5.20 chs. dist.
	Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
	. eqnis . % revo .i. 046 T195 3R18E 50 1 30 1 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 1 2 3 1 2
.ax U	Distribution of the control of the c
	1960 ag vorthett lodge, 50 st. unjin, pears NW. and SB.
	Land, mountainous. Soil, rocky grave s 20 . 200
395 (C)	The same with the sea suit of the order of the sea of t
tagod r	the solid sends over, and in a mound of stone 4 ft. Dese to to
1 1	

Survey Portion of Subdivision, T. 19 S., R. 18 E. Chains From the cor. of secs. 25 and 36 on the E. bdy. of the Tp., previous described. N. 89° 57' W., bet. secs. 25 and 36. Over mountainous land through dense timber. DAR KADOUZEERE ES Desc. about 20 ft. over W. slope. 3.00 Draw, drains S.; asc. about 40 ft. over SE. slope. Ridge, bears N. and SW., beginning of triangulation; desc. about 360 11.80 ft. over NW. slope. Point for the & sec. cor. of secs. 25 and 36 falls in bottom of can 39.99 where cor. monument cannot be permanently established. 41.88 Point selected for the witness & sec. cor. of secs. 25 and 36; at of triangulation. Set an iron post 30 ins. long, 2½ ins. diam., 6 ins. in the ground bedrock and in a mound of stone, 32 ft. base to top of post, with brass cap mkd. Asc. about 290 ft. over E. slope. 48.30 Spur, projects S.; desc. about 100 ft. along S. slope; beginning of triangulation. 64.98 End of triangulation. Slope changes to SW. slope; desc. about 300 f 79.98 The true point for cor, of secs. 25, 26, 35 and 36. Land, mountainous. Soil, gravelly clay. ال ال المستعمم المسائل الأن المساعدة Timber, dense pinon and juniper. From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. mented with a 2½ in. iron post, set, mkd. and witnessed as described in the field notes of the survey of the N. bdy. of T. 20 S., R. 18 E surveyed concurrently under this same survey group. Over mountainous land, through medium dense timber. By triangulation; desc. about 250 ft. over N. slope. 16.00 Approximate dist. to Tusher Creek, drains SW.; asc. about 500 ft. over S. slope. 39.80 Top of vertical ledge, 50 ft. high, bears NW. and SE. Point for the & sec. cor. of secs. 33 and 34. 40.00 Set an iron post, 30 ins. long, 21 ins. diam., over a cross (X) cut in solid sandstone, and in a mound of stone 4 ft. base to top of pos

with brass cap mkd.

	Survey. Portion of Subdivision, T. 19 S., R. 18 R.
Chains	
	T19S R18E
	\$33 \square \text{\$\frac{1}{3}}\$34
46.18	End of one triangulation; beginning of another; asc. about 80 ft. over SW. slope.
52.00	Approximate dist. to spur, projects W.; desc. about 70 ft. over N. slope.
59.00	Approximate dist. to draw, drains SW. for about 2.00 chs. then turns to S.; asc. about 620 ft. over S. slope.
80.00	Point for the sec. cor. of secs. 27, 28, 33 and 34; falls on vertical ledge where cor. cannot be monumented.
	Land, mountainous. Soil, rocky clay. Timber, medium dense pinon and juniper.
; ; .	
	N. 0° 02' W., bet. secs. 27 and 28.
	Over mountainous land, through medium dense timber; asc. about 100 ft. over S. slope.
5.70	Point selected for the witness cor. of secs. 27, 28, 33 and 34.
	Set an iron post, 30 ins. long, 2½ ins. diam., 3 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
	T19S R18E \$28 \$27 \$33 \\$34
	Cui veri i e e e e e e e e e e e e e e e e e
18.00	Spur, projects E., desc. about 110 ft. over N. slope.
28.80	Top of ledge, 30 ft. high, bears NE. and SW.; desc. about 420 ft. over abrupt N. slope.
40.00	Point for the 1/2 sec. cor. of secs. 27 and 28; 150 ft. above draw.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock and in a mound of stone 4 ft. base to top of post, with brass cap mkd.
	T19S_R18E
	\$28 \$27 - 1960
	Cont. by triangulation; desc. about 150 ft. over N. slope.
48.00	Approximate dist. to draw, drains W.; asc. about 450 ft. over S.slope.
63.33	End of triangulation.
66.00	Ridge, bears E. and W.; desc. about 280 ft. over NW. slope.
77.70	Head of draw, drains W.; asc. about 10 ft. along W. slope.
.80.00	Point for the corof secs. 21, 22, 27 and 28.
	Set an iron post 30 ine long 2b ing star at

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to be a second in mound of second to be a s

	Survey, Portion of Avision, T. 19 S. R. 18 E.	
Chains		**
	T19S R18E	
	<u>\$21 \ \$22 \ </u>	
	0.000	
(Land so mountainous.	6
•	Soil, rocky clay.	-
	Timber, medium dense pinon and juniper.	
70		• •
0	The second of th	· .
	N. 0° 02' W., bet. secs. 21 and 22. (1) 1900 3.33	• (• • • .
	Over mountainous, broken land through medium dense timber	
	Ass. shout 20 ft slong W slong	
	Asc. about 20 ft. along W. slope.	
3.90	Spur, projects W.; desc. about 160 ft. over N. slope.	
3.70		
23.30	Wash, in bottom of canyon; 30 lks. wide, 2 ft. deep, drains	SW.; as
	about 230 ft. over SE. slope.	
	•	
36.40	Spur, projects SW.; desc. about 30 ft. along W. slope.	
40.00	Point for the & sec. cor. of secs. 21 and 22.	
	Į.	
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the	oroune
	to bedrock and in a mound of stone, 3½ ft. base to top of po	ost, wi
	brass cap mkd	
		~ .
: c. , e)	T198 R188 () 200 - C	
, ,1 64	Complete Caracter (2000) (2000) (2000) (2000) (2000)	
İ	S21 S22 Language S21 S02	
I	V	
1	Beginning of triangulation; desc. about 80 ft. along W. slop	oe.
		-
48.00	Approximate dist. to bottom of canyon, drains SW.; asc. abou	1t 50 f
1	over S. slope.	
52.00	Annualizate dist to spur projects R : dess shout 50 ft /	N
	Approximate dist. to spur projects E.; desc. about 50 ft. o slope.)Λέ£ ˙μ ˙
	غ با رخو کی داد در بیان کا دیا در این از می از از در این از از در این از از در از از در از از در از از در از در	ι.
57.00	Approximate dist. to same canyon, drains SW. for about 1.00	ch. the
	turns to SE.; asc. about 100 ft. over SE. slope.	
.1131.0	Refer the the color of the section and the section of the section	(6.6.
80.00	Foint for the cor. of secs. 15, 16, 21 and 22.	
. C., . D	Set an iron post, 30 insclong, 2½ ins. diam., 6 ins. in the	
4	to be drock and in a mound of stone, 4 ft. base to top of pos	groum th
	brass cap mkd.	L, ~
I	- 12 × C 22	
	T19S R18E	
	<u>816 815 821 822 821 822 821 822 </u>	
	0 € S21 S22 1960	
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ال المنتشف	\$11, rocky sand to . tellage . or but . tell count and the	
,010.0 u	til, rocky sand ca . column , and co .sell sourd crypt of er, medium dense pinon and juniperca.sin as ac bec	04.51
,020.0	il, rocky sand ca . column , sub co . sell column in or plant o	04.51
eiter .	til, rocky sand ca . codance, sob co .sem coma h crypt of over, medium dense pinon and juniper. com singustic we become a company of the company of t	60.00
eiter .	til, rocky sand ca . column , and co .sell sourd crypt of er, medium dense pinon and juniperca.sin as ac bec	00.07 60.11

Over broken land, through medium.dense timber; ocontcoby triangulation

	Survey, Portion of Subdivision, T. 19 S., R. 18 E.
Chains	
0.95	Sper, projects SE.4 end of one triangulation, beginning of another;
عاشه.	desc. about 80 ft. over NE. slope. All do to the second
	-9 € 1 (2 A2) A 56030 € 12.3 (200 € 1) (200 € 100 €
10.00	Approximate dist. to draw, drains SE.; asc. about 150 ft. over SW.
	slope
	Approximate dist. to spury projects W.; desc. about 70 ft. over N.
24.00	slope.
	10/10/24
30.00	Approximate dist. to draw, drains SW.; asc. about 50 ft. over S.
	slope.
40.00	Defends for the land of the la
40.00	Point for the & sec. cor. of secs. 15 and 16.
ranot (si	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground
	to bedrock and in a mound of stone, 4 ft. base to top of post, with
	brass cap mkd.
	T19S_R18E
	916 016
	S16 S15 1960
	2.4.
40.93	End of one triangulation; spur, projects SW.; beginning of another
	triangulation; desc. about 110 ft. over NW. slope.
	• • • • • • • • • • • • • • • • • • • •
60.00	Approximate dist. to draw, drains W.; asc. about 130 ft. over S.
	slope. 32 (2 3 5 5 5 2 10
76.50	End of triangulation on ridge, bears E. and W.; desc. about 110 ft.
	over N. slope.
80.00	Point for the cor. of secs. 9, 10, 15 and 16.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
	to bedrock and in a mound of stone, 4 ft. base to top of post, with
	brass cap mkd.
الما الما	en la realiza di companie de la propieta de la companie de la companie de la companie de la companie de la comp
i	(16. 6. (18.36 6. 6. T195 R18E 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
	<u>s 9 S10 </u>
	S16 S15 1960
	Land, broken.
	Soil, rocky clay.
	Timber, medium dense pinon and juniper.
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A	
ľ	ان کا در در در در در در در در در در در در در
	At the point for the cor. of secs. 2 and 3 on the N. bdy. of the Tp.
	which point is calculated to be 160.00 chs. westing from the closing
	cor. of Tps. 19 S., Rs. 18 and 19 E., previously described.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
	to bedrock and in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.
	where C is the second of C is C and C is C and C is C .
الماد أيار با	() 4 () 4 () 4 () 4 () 4 () 4 () 4 () 4 () 5 () 5 () 5 () 4
1	T19S R18E
Į.	1961
	1501
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	from which The cor. of secs. 34 and 35, T. 18 S., R. 18 E., bears W.,
	from which

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process were to open a fifth data of the day levels of the first
 Chains
                                                                   served to
             2½ ins, dism., setal mkde, and witnessed as described in the 0
             field notes of the survey of the S. bdy. of said temphip,
             executed concurrently under this same survey group.
        00.01
        Over broken mountainous land covered with dense timber; asc. 110 ft.
        over NW. slope.
 12.40 | Spur, slopes S. for 10 chs. then turns to SW.; desc. 10 ft. over SE.
        slope.
 17.98
        Point for the 1/16 cor. of secs. 2 and 3.
                                                  . Zud iku iku kum
                                                                    UC.C.
        Set and iron post, 30 ins. long, 23 ins. diam., 6 ins. in the ground
        to bedrock and in a mound of stone, 3½ ft. base, to top, with brass
        cap mkd.
                               ... T19S R18E
                                      1/16
                               _: S 3 S 2
                                       ŔΛ
                                       1961
                                  (T1) 4 (1)
        Desc. 25 ft. over SE slope.
                                        . 0 3 ..62
 19..80 c
        Top of rim of ledges, bears SW. and NE.; desc. about 300 ft. over
        ledges facing SE. and steep SE. slope; by triangulation.
. 31 .70
        Approximate dist., draw, drains SW.; asc. about 250 ft. over NW.
        slope.
 42.60
        Approximate dist., high spur, slopes S. 70° W.; desc. about 450 ft.
        over SE. slope.
                                                 Secq Coll 3
        Point for the k sec. cor. of secs. 2 and 3.
 57.98
        Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground,
        to bedrock and in a mound of stone, 4 ft. base, to top, with brass
        cap mkd.
                                T19S R18E
                                     S 3 | S 2
                                          ang Parka Balan Balan Sala
        Desc. 50 ft. over SE. slope.
 63.50
        Bottom of canyon, small stream of water 12 ins. wide, 3 ins. deep,
        drains SW.; asc. about 640 ft. over ledgy NW. slope, covered with
        dense timber; by triangulation. .... but the long ten
 92.30
        Approximate dist., high ridge, bears NE. and SW.; desc. 80 ft. over
        SE. slope and broken ledges facing SE.
        Point for the cor. of secs. 2, 3, 10 and 11.
 97.98
        Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground
        to bedrock and in a mound of stone, 3½ ft. base, to top, with brass
        cap mkd.
                                    T19S R18E
                                    S 3 S 2
S10 S11
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est for east of the

Survey, Portion of Subdivision, T. 19 S., R. 18 E. Chains Land, broken mountain. Soil, gravel, rocks and exposed ledges. Timber, pinon and juniper. Undergrowth, sage and oak brush. N. 89° 56' E., bet. secs. 2 and 11, on a course calculated bet. the garner of sections 1 and 12 on the E. bdy. and the cor. of secs. 1, 5, 8 and 12 on the W. bdy. of the Tp. Over broken mountain land, covered with pinon and juniper; desc. about 400 ft. over SE. slope; by triangulation. 35.00 Approximate dist., bottom of canyon, drains N. 80° W.; asc. 70 ft. over NW. slope. المعاربة 40.00 Point for the k sec. cor. of secs. 2 and 11. . 6. 6020 Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, 4 ft. base to top, with brass cap mkd. Asc. about 700 ft. over ledges on a brushy NW. slope; by triangulation 69.90 Approximate dist., spur, slopes SW.; asc. 190 ft. over W. slope. 77.00 Approximate dist., top of ridge, bears N. 10° W. and S. 10° E.; desc. 70 ft. over E. slope on ridge top. 78.43 Point selected for the witness cor. of secs. 1, 2, 11 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock and in a mound of stone 4 ft. base to top, with brass cap mkd. T19S R18E S 2 S 1 W S11 S12 C 1961. Desc. E. slope. 78.65 Top of ledges, bear N. and S.; desc. over ledges facing E. 80.00 Point for the cor. of secs. 1, 2, 11 and 12, falls on ledges facing E. and cannot be monumented. Land, broken mountain. Soil, gravel, rocks and exposed ledges. Timber, juniper and pinon. Total a last last N. 0° 05' E., bet. secs. 1 and 2. Over mountainous land, covered with pinon and juniper; asc. 35 ft. along ledgy E. slope.

Small spur, slopes E.; desc. 135 ft. along ledgy E. slope.

5.40

For any Portion of Subdivision, T. 19.52, R, 18.83

	Portion of Subdivision, T. 19.5 R, 18.8
Chains	esa (d. 1
17.20	Spur, slopes E.; desc. about 700 ft. over ledgy No slopes through heavy timber and brush; by triangulation.
40.00	Point for the \$ sec. cor. of secs. 1 and 2.30 (
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground and in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T19S R18B:
	Cor. falls at base of N. slope in canyon.
44.10	Bottom of Rattle Snake, Canyon, small stream of water, 12 ins. wide, 3 ins. deep, drains W.; asc. about 800 ft. over steep SB. slope and ledges, facing SE.; by triangulation.
80.00	Point for the 1/16 sec. cor. of secs. 1 and 2 falls on inaccessible ledges facing SR. and cannot be monumented.
88.90	Top of ledges, facing SE.; cont. over top of ridge.
89.00	Point selected for the witness 1/16 sec. cor. of secs 1 and 2.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, $3\frac{1}{2}$ ft. base, to top, with brass cap mkd.
,	T19S R18E
	1/16 st
	3.
	Cont. over top of rocky ridge.
89.90	North crest same ridge, bears NE. and SW.; desc. 200 ft. over ledges on NW. slope, covered with dense timber.
97.89	Intersect the N. bdy. of the township at point for cor. of secs. 1 and 2, which point is calculated to be 80.00 chs. westing from the closing cor. of Tps. 19 S., Rs. 18 and 19 E., previously described.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, $3\frac{1}{2}$ ft. base, to top of post, with brass cap mkd.
	71.98 R18E - Chi ac ac ac ac ac ac ac ac ac ac ac ac ac
	from which .cs with a section of the control of the first section of the control
	The cor. of secs. 35 and 36, T. 18 S., R. 18 E. bears W., 14.57 chs. dist., and is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the survey of said township, executed concurrently under this same survey group.
	Land, broken, mountainous. The problem to the same of
	Bulliffmeening oak brash es qui se jois jongs samme e

Survey, Portion of Subdivision, T. 19 S., R. 18 E.

Chains

The point for the N. & sec. cor. of sec. 2 at midpoint on the N. bdy. of sec. 2 falls on inaccessible ledges facing NR., where cor. monument cannot be established.

From which

Point selected for witness & sec. cor. of sec. 2, bears W., 0.90 chs. dist., where we

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) mkd. on barren rock outcropping and in a mound of stone, 4 ft. base, to top of post, with brass cap mkd.

₩ S 2 C T19S R18E 1961

Witness cor. is situated on a spur, sloping SE.

From this witness cor. the witness & sec. cor. of sec. 35, T. 18 S., R. 18 E., bears W., 13.17 chs. dist., and is monumented with an iron post, 2% ins. dism., set, mkd. and witnessed as described in the field notes of the survey of the S. bdy. of T. 18 S., R. 18 E., executed concurrently under this same survey group.

The tie between the true points for the above two k sec. cors. is W., 14.57 chs. dist.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Over broken, mountainous land, through medium dense timber.

Asc. about 210 ft. over E. slope.

- 3.20 Top of vertical ledge, 40 ft. high, bears N. and S.
- 4.80 Road, unimproved, bears N. and S.
- 22.30 Spur, projects S.; desc. about 70 ft. over gentle W. slope.
- 28.00 Draw, drains S.; asc. about 320 ft. over E. slope.
- 40.00 Point for the & sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{3}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone, $3\frac{1}{3}$ ft. base to top of post, with brass cap mkd.

T19S R18E \$\frac{\$16}{\$21}\$\$
1960

- 47.00 Spur, projects N.; desc. about 100 ft. along N. slope.
- Top of vertical ledge, 30 ft. high, bears N. and S.; beginning of triangulation; desc. about 320 ft. over NE. slope.
- 72.00 Approximate dist. to head of draw, drains N. about 2.00 chs. then turns to W.; asc. about 80 ft. over NE. slope.

9. 2014 Portion of 1. 10 200 19. 2. 19. S. ... R. 18 R.

Chains

30.00

9 in _

End of triangulation on rocky spur, projects N.; deac, about 30 ft. 77.33 over MV. slope. . To a familiarda se a company a company

Point for the cor. of secs. 16, 17, 20 and 21. 80.00

> Set an iron post, 30 ins. long, 21 ins. diam., 20 ins. in the ground and in a collar of stone to top of post, with brass cap mkd.

> > T198 R18E <u>\$17 | \$16</u> \$20 | \$21 1960 : J

Land, broken.

Soil, rocky clay.

Timber, medium dense pinon and juniper.

N. 0° 03' W., bet. secs. 16 and 17.

Over broken land, through medium dense timber.

By triangulation; desc. about 100 ft. over N. slope.

- 8.00 Approximate dist. to draw, drains NW.; asc. about 100 ft. over S. slope.
- 18.00 Approximate dist. to spur, projects W.; desc. about 150 ft. over N. slope.
- Approximate dist. to draw, drains SW.; asc. about 300 ft. over abrup S. slope.
- 33.00 Approximate dist. to top of vertical ledge, 30 ft. high, bears E. and W. 101.
- 38.38 End of triangulation.
- 40.00 Point for the k sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, 21 ins. diam., 8 ins. in the ground to bedrock and in a mound of stone, 31 ft. base to top of post, with brass cap mkd.

T198 R18E

817 S16 . 1960

- 47.20 Top of vertical ledge, 50 ft. high, bears E. and W.
- 47.24 End of triangulation.
- 48.00 Edge of mesa top bears E. and W.
- 57.50 Desc. about 330 ft. over M. slope.
- 80.00 Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 24 ins. diam., 18 ins. in the ground and in a collar of stone to top of post, with brass cap mid.

Survey of a Portion of the Subdivision of T. 19 S., R. 18 E. Chains S8 S9 .99018 . 7 70013 . 10 001 3**517 516**60 1960 Land, broken, since the property of the control of Timber, dense pinon and juniper, scattered fir. . 40. (2. 0 From the cor. of secs. 9, 10, 15 and 16. S. 89° 56' W., bet. secs. 9 and 16. Over broken: land, through dense timber; asc. about 30 ft. along N. u**slope.** Gastilling and a degree out of digital and 4.7 . € 8.40 Spur, projects N.; thence desc. about 50 ft. along N. slope. 16.20 Top of vertical ledge, 30 ft. high, bears N. and SW.; beginning of 2. : cua Approx. dist. to bottom of canyon, drains N.; asc. about 950 ft. over 30.00 6.steep E. slope ball of a light of the 39.22 End of triangulation. 11 00 3 .082. J. C. E. M. D. D. JULE 1 39.99 Point for the 1 sec. cor. of secs. 9 and 16. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap per on some ... 13 chamber 1960. Rocky spur, about 300 ft. above 1/2 sec. cor.; projects S; beginning of 47.10 triangulation; desc. about 250 ft. over W. slope. 53.00 Approx. dist. to head of draw, drains S.; asc. about 200 ft. over E. slope. . 4.62.00 Approx. dist. to ridge, bears N. and S.; desc. about 300 ft. over W. Service with a cost of a place of the sales. 79.98 The cor. of secs. 8, 9, 16 and 17. Land, broken. Charle, a compared to mention of the Soil, rocky sand, clay. Timber, dense pinon and juniper. . Audi be also it is na videncia de como de al fina en callenta de la como fina en como de la como de la como de la como de la como La como de la como de como de la como della como de la From the cor. of secs. 16, 17, 20 and 21. S. 89° 53' W., bet. secs. 17 and 20. Over mountainous land, through dense timber. By triangulation; asc. about 180 ft. over steep E. slope. سي دي تو ي اند

Approx. dist. to where slope changes to N.; asc. about 40 ft. along N. slope.

• • • • • • • • • • • • • • • • • • • •	Survey of a Portion of the Subdivision of T. 19 S., R.	18 E.
Chains		i
16.49	End of triangulation.	
18.30	Top of ascent; desc. about 140 ft. along N. slope.	: :
25.03	The cor. of secs. 13, 17, 20 and 24, on the W. bdy. of the mented with a 2½ in iron post, set, mkd. and witnessed as in the field notes of the survey of the E. bdy. of T. 19 sexecuted concurrently under this same group.	described
	Land, mountainous. Soil, rocky clay. Timber, dense pinon and juniper.	
	From the cor. of secs. 4, 5, 32 and 33, on the S. bdy of monumented with a 2½ ins. iron post, set, mkd. and witness cribed in the field notes of the N. bdy. of T. 20 S., R. 1	ed as des- 8 E.
No. 1	N. 0° 03' W., bet. secs. 32 and 33.	
	Over broken, mountainous land, through dense timber; asc. over S. slope.	about 20 f
1.80	Ridge, bears E. and W.; beginning of triangulation; desc. over NW. slope.	about 90 f
14.00	Approx. dist. to where slope changes to N.; desc. about 10 NW. slope.	00 ft. over
29.00	Approx. (distanto draw, drains W.; asc. about 60 ft. over 5	E. slope.
34.00	Approx. dist. to spur, projects SW.; desc. about 70 ft. Lov	rer NW. slo
40.00	Point for the 1/2 sec. cor. of secs. 32 and 33.	· · · · · · · · · · · · · · · · · · ·
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in to bedrock, in a mound of stone, 3½ ft. base to top, with mkd.	the ground brass cap
c.	1996 (2019), 2001 (2019) Webbar 1, 1996 (2019) 2003 (2019) 2019 (2	C
	. 00. 1 003 ,003 ,76 0 131. , 317 , 832∫833 05 ,18.5 , 305.6 , 1960	CC. 35
42.60	Approx. dist. to draw, drains SW.; asc. about 110 ft. over	SE, slope.
52.80	End of one triangulation on ridge, bears SW. and NE.; begi another triangulation; desc. about 300 ft. over N. slope.	nning of
70.50	Approx. dist. to bottom of canyon, drains W.; asc. about 1 S. slope.	50 ft. 👈 .
80.00	Point for the cor. of secs. 28, 29, 32 and 33.	[]
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in to bedrock, in a mound of stone, 3½ ft. base to top, with mkd.	the ground brass cap
	. 600 Bals (1 . T198 R18R 65 . 600 . 6 . 6 . 6 . 6 . 6 . 6 . 6 . 6 .	
	1960	
	Land, mountainous, broken. Soil, rocky, sand.	n
	Timber, dense pinon and juniper of the contract of the contrac	(0.2.

Survey of a Portion of the Subdivision of T. 19 S., R. 18 E. Chains West, bet. secs. 29 and 32. Over mountainous land, through dense timber; desc. about 30 ft. over NW. slope. 4.50 Bottom of descent; asc. about 70 ft. over E. slope. 25.17 The cor. of secs. 25, 29, 32 and 36, on the W. bdy. of the Tp., monumented with a 2½ ins. iron post, set, mkd. and witnessed as described in the field notes of the survey of the E. bdy. of T. 19 S., R. 17 E. executed concurrently under this same group. Land, mountainous. Soil, rocky sand. Timber, dense pinon and juniper. General Description T. 19 S., R. 18 E. is broken, mountainous land, varying in elevation from 6,000 to 8,500 feet above sea level. The north portion of the township is drained in a westerly direction by Rattle Snake Creek and the south portion is drained by Tusher Creek in a southwesterly direction. There is a jeep trail following Tusher Creek in the southeast corner of the township and a jeep trail north from Tusher Creek to the south boundary of section 16. No water was noted in the area. The soil is sandy clay and rocky. Timber in the area consists of dense pinon and juniper and scattered fir.

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4-680 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

CC 630 :.

NAMES	CAPACITY			
Rex J. Edwards	Transitman	1960		
Gary T. Oviatt	Chainman	1960		
Douglas G. Haycock	Chainman	1960		
David J. Hickman	Flagman	1960		
James M. Madson	Cornerman	1960		
Wallace R, Ott	Transitman	1960		
Gordon Shurtz	Chainman	1960		
Gary Rutledge	Chainman	1960		
Wayne Fisher	Flagman	1960		
Parley Pratt	Cornerman	1960		
William R. Sayage	Transitman	1961		
Rex J, Edwards	Chainman	1961		
Morris E. Blackburn	Chainman	1961		
Max Assay	Flagman	1961		
Parley Pratt	Cornerman	1961		
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CERTIFICATE OF CADASTRAL ENGINEER

Parpagnee 0	f special instru	ctions bearing date of th	e <u>11th</u>	_ day of	February	
x have swew	syeck, r e onvi	ised the survey of a	. Ction of	# 3 (0)	Triple to be a first	
45 (c. s)	ş Məstəsə ərəyəli	T. G. S. R. B. P.				
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of theSal	t Lake	Meridian, in the State of	fUtal	.	ر	which
represented	in the foregoin	g field notes as having b	een executed 🖢	onecent ur	our ider my /direction	; and +
said survey	has been made	in strict conformity wit	h said instructi	ons, the Ma	nual of Instructi	ons for
Survey of th	ne Public Lands	of the United States, a	nd in the speci	fic manner	described in the	forego
field notes.			_		·	j
Salt Lake	City, Utah	<u></u>	9,	20177	2/0_	. (
August 17,	1961			ec adastral	Voorhees Surveyor	
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			Craig P	/Sylveste	cadastral	ارين پ ند د د د د ا
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		CERTIFICATE	OF APPRO	Land Mana	LGEMENT, JUN 2 5 1962	, 19
The fore	egoing field note	CERTIFICATE	BUREAU OF Washington	Land M an <i>a</i>	JUN 25 1962	, 19
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of the sub	division of	es of the survey of a post	BUREAU OF Washington The least of the leas	George D	JUN25 1962 Voorhees and	Crai
of the sub	division of	es of the survey of a post	BUREAU OF Washington Caralla Sanagervision of are hereby app	George Doroved.	JUN25 1962 Voorhees and	Crai
of the sub executed by Chappel, C Sylvester, having been	division of division divisi	es of the survey of a post. T. If S. R. Life and Glacies of the survey of a post. Life and found correct,	BUREAU OF Washington The Control of the Control o	George Doroved.	JUN25 1962 Voorhees and ivision	m (Pe

Cadastral Engineering Staff C

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE WEST BOUNDARY
OF T. 19 S., R. 20 E.
WITH NEW CORNERS FOR THE EAST BOUNDARY
OF T. 19 S., R. 19 E.,
RETRACEMENT OF THE NORTH BOUNDARY OF T. 20 S., R. 19 E.
AND
SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
OF T. 19 S., R. 19 E.
<u></u>
· · · · · · · · · · · · · · · · · · ·
Of the Salt Lake Meridian,
In the State of Utah
EXECUTED BY
Glen B. Hatch, Cadastral Surveyor
Under the supervision of George D. Voorhees, Cadastral Surveyor
· · · · · · · · · · · · · · · · · · ·
Under special instructions datedFebruary 11, 1960, which provided
for the surveys included under Group No. 399 approved February 23, 1960
and assignment instructions datedApril 14 and July 1, 1960
Survey commenced September 15 , 1960
Survey completed October 25 , 1960
Survey completed, 1300

INDEX DIAGRAM

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Chains

The south boundary of T. 19 S., R. 19 E. was surveyed by Moore and Bandy in 1924. The west boundary of T. 19 S., R. 20 E. and the south boundary of T. 18 S., R. 19 E. were surveyed by A. J. Stewart Jr. in 1901.

The south boundary of T. 18 S., R. 19 E. was resurveyed concurrently under this same survey group and the east boundaries of Tps. 19 and 20 S., R. 18 E. were also surveyed concurrently under this same group.

The following field notes are those of the dependent resurvey of the west boundary of T. 19 S., R. 20 E. with the addition thereon of new corners for T. 19 S., R. 19 E., at distances of 40.00 and 80.00 chains northing from the southeast corner of section 36, T. 19 S., R. 19 E.

Also, retracement of the north boundary of T. 20 S., R. 19 E. altering certain corners thereon, referring to T. 19 S., R. 19 E. to now function as angle points only and adding certain new corners for said south boundary of T. 19 S., R. 19 E., at distances of 40.00 and 80.00 chains of westing, counting from the southeast corner of the township. Also, survey of a portion of the subdivisional lines of T. 19 S., R. 19 E. to the extent deemed sufficient to facilitate the development of natural resources and to mark the boundaries of those sections normally considered State school sections.

The survey was executed with a W. & L. E. Gurley solar transit No. 580158 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of the survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximate, as scaled from S. C. S. planimetric maps. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 06' 03" N. and longitude 109° 45' 43.82" W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 30' East.

Dependent Resurvey of the West Boundary of T. 19 S. R. 20 R.

فظنعطث

40.00

mkd.

Dependent resurvey of the west boundary of T. 19 S., R. 20 E. and the establishment thereon of cors. pertaining to T. 19 S., R. 19 E., at latitudinal intervals of 40.00 chs. from the cor. of Tps. 19 S., Rs. 19 and 20 E.

Reestablishment of the survey executed by A. J. Stewart Jr. in 1901.

Beginning at the cor. of Tps. 19 S., Rs. 19 and 20 E., which is monumented with a 3 ins. iron post, set, mkd. and witnessed as described in the official record.

N. 0° 24' W., along the W. bdy. of sec. 31, T. 19 S., R. 20 E.

Over mountainous land, through dense timber; asc. about 10 ft. over SE, slope.

- 10.60 Top of ascent, bears NE. and SW.; desc. about 110 ft. ever NE. slope.
- Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap

Point for the & sec. cor. of sec. 36, T. 19 S., R. 19 E.

Ti9S
R19E R20E

R19E R201 } S36 | 1960

Point for the k sec. cor. of sec. 31, T. 19 S., R. 20 E., at proportionate dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T19S R19E R20E \$ |S31 1960

Asc. about 70 ft. along E. slope,

Top of ascent, bears N. 15° E. and S. 15° W.; desc. about 90 ft. over NW. slope.

80.00 Point for the cor. of secs. 25 and 36, T. 19 S., R. 19 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap

T19S R19E R20E S25 S36 1960

Point for the cor. of secs. 30 and 31, T. 19 S., R. 20 E., at proportionate dist. No remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. im the ground to bedrock, in a mound of stone, 4 ft. base to top, with brass cap mkd.

% & enteredant retornes error 10-400

.. .. Dependent Resurvey of the West Boundary of T. 19 S., R. 20 E. Chains . T198 AUG BAI ON INCOM R19E R20E 1960 Land, mountainous. Soil, sandy loam, rocky. Timber, dense pinon, juniper and oak brush. N. 0° 24' W., along the W. bdy. of sec. 30. Desc. about 30 ft. along W. slope. 17.60 Ravine, drains W.; asc. about 70 ft. over S. slope. 24.60 Spur, projects S. 80° W.; desc. about 30 ft. over NW. slope. 29.10 Bottom of descent, drains SW.; asc. about 20 ft. over SE. slope. Top of ascent, bears S. 80° W. and N. 80° E.; desc. about 80 ft. over 30.70 steep NW. slope. . 2. (1 34.95 Point for the & sec. cor. of sec. 25, T. 19 S., R. 19 E. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top of post, with brass cap mkd. T19S R19E R20E S25 . . . 1960 37.22 Point selected for the witness & sec. cor. of sec. 30, T. 19 S., R. Set an iron post, 30 ins. long, 22 ins. diam., 12 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T19S R19E R20E Wr C d . \$30, . i. Beginning of triangulation; desc. about 180 ft. over steep and broken NW. slope. 42.52 True point for the 1/2 sec. cor. of sec. 30, T. 19 S., R. 20 E. falls on broken ledge where cor. cannot be established. 44.00 Approx. dist. to bottom of ravine, drains W.; asc., about 170 ft. over broken S. slope. 48.00 Approx.:dist. to point.of.spur, projects.W.; desc. about 360 ft. over steep, broken N. slope. 59.30 Approx. dist. to bottom of canyon, drains S. 60° W.; asc. about 400 ft. over broken SE. slope. 73.90 Spur, projects S. 50° W.; desc. about 190 ft. over NW. slope.

74.92

End of triangulation.

	Dependent Resurvey of the West 10 2 4 4 of Tuelfof R. 20 E.
Chains 74.95	Point for the cor. of secs. 24 and 25, T. 19 S., R. 19 B.
	Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the ground
	in a mound of stone, 2 ft. base to top, with brass cap mkd.
	T19S R19B R20B
	\$24 0.000
85.05	Point for the cor. of secs. 19 and 30, T. 19 S., R. 20 E., at proportionate dist. No remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	Agency core . The control of the con
. 5	R19E R20E
	1960
	Land, mountainous, broken. Soil, sandy loam, rocky.
	Timber, dense pinon and juniper, scattered pine.
\$. 	
	N. 0° 24' W., along the W. bdy. of sec. 19.
	Over broken, mountainous land, through dense timber.
	By triangulation; desc. about 150 ft. over NW. slope.
10.40	Approx. dist. to bottom of canyon, with stream of clear water, 1 lk. wide, 1 in. deep, drains S. 40°-W.; asc. about 100 ft. over SE. sl.,
17.99	End of one triangulation on spur, projects E.; beginning of another triangulation; desc. about 120 ft. over ledges and large boulders on NE. slope.
19.68	Point selected for the witness & sec. cor. of sec. 24, T. 19 S., R. 19 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the given in a mound of stone, 3 ft. hase to top of post, with brass cap mkd.
	T19S
	₩ C
29.90	True point for the k sec. cor. of sec. 24 falls on ledge where cor. cannot be established.
35.30	Approx. dist. to ravine, drains 8. 70° E.; asc. about 200 ft. over SW. slope.

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. 3 U. . 3 Dependent Resurvey of the West Boundary (of T. ol9 S. . ) R. 20 E.
  Chains
  42.52
          The true point for the sec. cor. of sec. 19, at proportionate dist.
          falls on ledge, 30 ft. high, where cor. cannot be established.
  50.03
          Point selected for the witness & sec. cor. of sec. 19, T. 19 S., R.
          20 E.
          Set an iron post, 30 ins. long, 22 ins. diam., 15 ins. in the ground,
          in a mound of stone, 3 ft. base to top, with brass cap mkd.
                                         T19S
                                      R19E R2QE
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                                           S19
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         التخسين البايانية أ
                                         1960
         Set on edge of sloping ledge, 50 ft. high, bears E. and S. 10° W.;
          cont. by triangulation.
 55.50
         Spur, projects S. 70° E.; desc. about 180 ft. over NE. slope.
 58.60
         Approx. dist. to head of ravine, drains S. 70° E.; asc. about 280 ft.
         over.SW. slope. 00 ... 00 ... scores ou ... over.sweet.
evu .i.
         End of one triangulation on ridge, bears S. 35° W. and N. 35° E.;
 67.50
         beginning of another triangulation; desc. about 200 ft. over NW. slope.
         Point for the cor. of secs. 13 and 24, T. 19 S., R. 19 E.
 69.90
         Set an iron post, 30 ins. long, 2\frac{1}{2} ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap
                R19E R20E
                                       <u>S13</u>
                                       S24
                                         1960
 85.05
         Point for the cor. of secs. 18 and 19, T. 19 S., R. 20 E., at propor-
         tionate dist. No remaining evidence of the original cor.
         Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground
         to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap
         mkd.
                                        T19S
                                      R19E R20E
                                    1960
         Land, mountainous, broken.
         Soil, sandy loam, rocky.
         Timber, dense pinon and juniper and oak brush.
         N. 0° 24' W., along the W. bdy. of sec. 18.
         للشكائي في الأي ي الأي المنظم المناه الأي الشيافة والطائيات.
         Over mountainous land, through dense oak and scattered timber.
  2.50
         Approx. dist. to ravine, drains S. 40° W.; asc. about 850 ft. over SE.
         slope.
 24.85
         Point for the 1 sec. cor. of sec. 13, T. 19 S., R. 19 E.
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u. s. covernment printing office 16 28520-2

mkd.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap

Point for the cor. of secs. 7 and 18, T. 19 S., R. 20 E., at proportionate dist.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T198 R19E R20E | S 7 | S18 1960

Land, mountainous.
Soil, gravelly loss, rocky, and recommendate of the control of

Timber, dense oak, scattered pinon and juniper and pine.

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n real communities of the commun

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Resurvey of the West Boundary of T. 19 S. R. 20 E.
Chains
        11. 0° 24' W., along the W. bdy. of sec. 7.
         Over mountainous land, through scattered timber.
        By triangulation, desc. about 50 ft, over NW. slope.
 6.60
         Approximate dist, to ravine, drains S. 65° W.; thence asc. about 760
         ft. over SE. slope.
19.80
        Point for the & sec. cor. of sec. 12, T. 19 S., R. 19 E., 200 ft.
        below top of ascent.
         Set an iron post, 30 ins. long, 21 ins. diam., 6 ins. in the ground
         to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
                                             T198
                                         R19E R20E
28.48
        End of one triangulation on ridge, bears S. 70° W. and N. 70° E.;
        beginning of another triangulation; desc. about 30 ft. over NE. slope.
35.00
        Approximate dist. to ravine, drains S. 45° W.; asc. about 160 ft.
        over SE. slope.
        Point for the & sec. cor. of sec. 7, T. 19 S., R. 20 E., at proportion
42.52
        ate dist.
        Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,
        with brass cap mkd.
                                            T19S
                                         R19E R20E
                                            1960
49.90
        Ridge, bears S. 35° W. and N. 35° E.; end of triangulation.
59.80
        Point for the cor. of secs. 1 and 12, T. 19 S., R. 19 E., 160 ft.
        below ridge.
        Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,
        with brass cap mkd.
                                            T19S
                                         R19E R20E
                                          S12
                                            1960
        Beginning of triangulation; desc. about 300 ft. over NW. slope.
79.00
        Approximate dist. to spur, projects N. 50° W.; desc. about 70 ft.
        over NW. slope.
Approx.dist.to bottom of descent, drains SW.; asc. about 200 ft. over SE. slope.
True point for the cor. of secs. 6 and 7, T. 19 S., R. 20 E., falls
82.80
85.05
        on broken ledge where monument cannot be established.
        Land, mountainous,
        Soil, gravelly loam.
        Timber, pinon, juniper, aspen, pine and spruce with dense oak under-
        brush.
        N. 0° 24' W., along the W. bdy. of sec. 6.
        Beginning of triangulation; asc. about 1290 ft. over broken SE. slope,
        over steep mountainous land, through medium growth of timber.
8.74
        Point selected for the witness cor.of secs.6 and 7,T.19 S., R. 20 E.
        Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,
        with brass cap mkd.
                                            T198
                                         R19E R20E
                                              <u>s6</u>
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∳S7 W C 1960 Resurvey of the West

, 19 1 % R. 🕥 I.

Chains

14.75 True point for the k sec. cor. of sec. 1 falls on ledge where cor. cannot be established.

Point selected for the witness & sec. cor. of sec. 1, T. 19 S., R. 19 E., on top of ledge, 100 ft. high, bears E. and W.

Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T19S R19E R20E \$1 W C 1960

34.75 Point for the N. 1/16 sec. cor. of sec. 1, T. 19 S., R. 19 E., only.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground and in a mound of stone, 4 ft. base to top, with brass cap mkd.

N1/16 S 1 1960

41.05 End of triangulation. Trail on divide bet. canyons, bears S. 35° E. and N. 10° W.

42.52 The original & sec. cor. of secs. 1 and 6, monumented with a 4x10x16 ins., set, mkd. and witnessed as described in the official record and with a 2½ in. iron post of local origin.

This cor. now functions as the & sec. cor. of sec. 6, T. 19 S., R. 20 E. only.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 16 ins. in the post of in a mound of stone, 3 ft. base to top, with brass cap mkd.

T19S R19E R20E 1 1S6 1960

Bury stone cor. and local iron post alongside in the mound of stone.

N. 0° 24' W., beginning new measurement.

Asc. about 10 ft. over gentle SE. slope.

3.30 Road, graded, bears N. 20° E. and N. 75° W.

11.20 Top of ascent, bears NE. and SW.; desc. about 100 ft. over gentle NW. slope.

12.23 Point for the 1/16 sec. cor. of sec. 1, T. 19 S., R. 19 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the powith brass cap mkd.

Resurvey of the West Boundary of T. 19 S., R. 20 E.

Chains

1.4.

1/16 .S1| ... 80 1960

13.80 Enter dense aspen, bears NE. and SW.

Michigan Carry, Commercial

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19.955 Point for the N.1/16 cor. of sec. 6, not monumented.
27.30 Leave dense timber, bears N. 10° E. and S. 10° W.

28.30 Road, graded, bears N. 10° E. and S. 10° W.

The cor. of Tps. 18 and 19 S., Rs. 19 and 20 E., monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the resurvey of the S. bdy. of T. 18 S., R. 19 E., executed concurrently under this same group.

Land, mountainous, broken.
Soil, gravelly loam.

Timber, scattered pinon, juniper, pine, oak brush and dense aspen N. 1 mile.

Retracement of the North Boundary of T. 20 S., R. 19 E.

Retracement of the N. bdy. of T. 20.8., R. 19 E., altering certain cors. thereon referring to T. 19 S., R. 19 E. to now function as angle points only and adding certain new cors. for said S. bdy. of T. 19 S., R. 19 E., at distances of 40.00 and 80.00 chs. westing, counting from the SE. cor. of sec. 34.

Retracement of the survey executed by Moore and Bandy in 1924.

Beginning at the closing cor. of Tps. 20 S., Rs. 19 and 20 E., monumented with a 3 ins. iron post, set, mkd. and witnessed as described in the official record.

N. 89° 55' W., along the N. bdy. of sec. 1.

Over broken, mountainous land, through dense timber; asc. about 10 ft. over SE. slope.

8.53 The cor. of Tps. 19 S., Rs. 19 and 20 E., previously described.

Top of ascent, bears NE. and SW.; beginning of triangulation; desc. about 1,000 ft. over steep and broken NW. slope.

Approx. dist. to top of ledge, 50 ft. high, bears NE. and SW.

33.50 Approx. dist. to head of ravine, drains S. 85° W.; asc. about 120 ft.

over gradual NE. slope.

40.00 The k sec. cor. of sec. 1, monumented with a 1 in. iron post, set, mkd.

and witnessed as described in the official record.

46.00 Spur, projects N. 10° W.; desc. about 30 ft. over SW. slope.

The k sec. cor. of sec. 36, T. 19 S., R. 19 E., monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

51.10 Ravine, drains N. 85° W.; asc. about 30 ft. over SE. slope.

855.15 End of one triangulation on spur, projects N. 15° W., beginning of another triangulation; desc. about 80 ft. over SW. slope.

58.50 Approx. dist. to canyon, drains S.; asc. about 620 ft. over steep, broken E. slope.

Retrocement of ti	he North Boundary	of T: 20	S. Carbon 1.0	R.
WESTIMEGRESHIT OF THE	THE MOTETY DOSTRACTA	QEVI. CEU	D	

. C.	Retracement of the North Boundary of T. 20 S. CR. 19 E.
Chains	tuar ()
79.85	The cor. of secs. 1 and 2, T. 20 S., R. 19 E., monumented with a 2 ins. iron post, set, mkd. and witnessed as described in the official record.
	Land, mountainous, broken. Soil, sandy loam. Timber, dense pinon, juniper and pine.
	اً ﴿ فَا مَا الْمُعَامِ مُنْ مُنْ مُنْ مُنْ مُنْ مُنْ مُنْ مُنْ
	West, calong the No bdy. of sec. 2; by triangulation.
3.30	End of one triangulation on rocky spur; projects S.; beginning of another; desc. about 280 ft. over abrupt W. slope.
4.00	Approx. dist. to top of ledge 80 ft. high, bears N. and S.
- 8-35-	End of triangulation.
8.47	The cor. of secs. 35 and 36, T. 19 S., R. 19 E., monumented with a 2 ins. iron post, set, mkd. and witnessed as described in the offic record.
	Cont. by triangulation; desc. about 170 ft. over broken W. slope.
23.50	Approx. dist. to ravine, 50 ft. deep, drains S.; asc. about 190 ft. over broken E. slope.
38.50	Approx. dist. to spur, projects S.; desc. about 180 ft. over abrupt and broken SW. slope.
39.94	The 1 sec. cor. of sec. 2, which is monumented with an iron post, 1 in. diam., set., mkd. and witnessed as described in the official record.
46.50	Approx. dist. to ravine, drains S. 20° E.; asc. about 550 ft. over steep, broken NE. slope.
48.47	The 1 sec. cor. of sec. 35, T. 19 S., R. 19 E., monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.
	End of one triangulation on ledge, 1.00 ch. wide, 60 ft. high, beard S. 10° E. and N. 10° W.; beginning of another triangulation; desc. about 720 ft. over abrupt, broken W. slope.
76.50	Approx. dist. to head of ravine, drains S. 80% W
80.08	The cor. of secs. 2 and 3, monumented with a 2 in. iron post, set, mkd. and witnessed as described in the official record.
	Land, mountainous, broken.
. . .	Timber, dense pinon and juniper, scattered pine and spruce.
	sa na sere da Cintees dans profesor especial profit to a s
5	S. 89° c46'. W., dalong the N. bdy. of sec. 3
	Over mountainous land, through medium growth of timber.
8.53.	The cor. of secs. 034 and 35 p.E. 19 S., R. 19 E., which distributed with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. (2006) C. C. C. C. C. C. C. C. C. C. C. C. C.
8.75	Wash, 20 lks. wide, 2 ft. deep in bottom of ravine, drains S. 15° W. casc. about 300 ft. over SE. slope. 35 cc 60 cryst (
	W. S. GOVERNMENT PRINTING OFFICE 18—38820—3

. Retracement of the North Boundary of T. 20 S., R. 19 E.

20.00 End of one triangulation on spur projecting S. 15° W., beginning of another; desc. about 420 ft. over abrupt NW. slope.

39.64 The k sac. cor. of sec. 3, which is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record

48.17 End of triangulation and point for k sec. cor. of sec. 34 which is

End of triangulation and point for a sec. cor. of sec. 34, which is monumented with an iron post, I in. diam., set, mkd. and witnessed as described in the official record. As this cor. now becomes an angle point only on the S. bdy. of sec. 34, it is remarked so that it now reads:

AP \$\frac{1}{534} 1924 1960

Point for the k sec. cor. of sec. 34, at a point 40.00 chs. westing from the SE. cor. of said sec. 34.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground, in a mound of stone, $2\frac{1}{2}$ ft. base to top, with brass cap mkd.

T19S R19E 2 S34 1960

Beginning of triangulation; desc. about 190 ft. over NW. slope.

57.17 Saleratus Creek, in nearly dry water course, 40 lks. wide, 8 ft. deep, drains S.

57.41 End of one triangulation, beginning of another; asc. about 280 ft. over abrupt SE. slope.

Timber, dense pinon and juniper, scattered pine and spruce.

W. and N. 5° E.; asc. about 100 ft. over gentle SE. slope.

The cor. of secs. 3 and 4, which is monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

End of triangulation on W. rim of Saleratus Creek Canyon, bears S. 5°

Land, mountainous and broken.
Soil, sandy loam and rocky.

S. 89° 20' W.; along the N. bdy. of sec. 4.

Asc. over gradual SE. slope.

· 48.53

68.03

79.12

Ridge, bears NE. and SW.; desc. about 430 ft. over abrupt and broken NW. slope.

8.53 The cor. of secs. 33 and 34, which is monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. As this point now becomes and angle point only, in the S. bdy. of sec. 34, it is remarked so that it now reads:

A P T19S R19E

1924 1960

1960

9.41 True point for the cor. of secs. 33 and 34, at 40.00 chs. westing from the k sec. cor. of sec. 34 falls in wash where it is impractical to establish cor. monument.

Retracement of the North Boundary of T. 20 St. R. 19 B. Chains Point selected for the witness con of secs. 33 and 34.79 to.66 9.88 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground in a mound of stone, 2 ft. base to top, with brass cap mkd. الم الاشتقالية المائي المعاديم الان 122112 13 25. T19S R19E .62 Cont. by triangulation over mountainous land, through dense timber; asc. about 80 ft. over NE. slope. Approx. dist. to spur, projects S. 10° E.; desc. about 180 ft. over 14.40 NE. slope. 39.91 The k sec. cor. of sec. 4, which is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official mulating along the said that . was to the first of the Control of the control of the N. 89° 33° W., beginning new measurement. $\sim 10^{\circ}$ M $\sim 10^{\circ}$ M $\sim 10^{\circ}$ 8.53 The $\frac{1}{4}$ sec. cor. of sec. 33, which is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record. As this point now becomes an angle point only on the S. bdy. of sec. 33, it is remarked so that it now reads: A P S33 >-1924 1960 Point for the 1 sec. cor. of sec. 33, at 40.00 chs. westing from the 9.50 SE. cor. of said sec. 33. ιι Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap T19S R19E .**≵**∟<u>S33</u>∈ − ⇒ 1960 Cont. by triangulation. 14.00 Approx. dist. to rocky point of spur, projects N. 75° E. 29.54 End of one triangulation on ridge 560 ft. above last & sec. cor.; ridge bears N. and S.; beginning of another triangulation; desc. ab-250 ft. over W. slope. . secia iki da kan ingo d 39.50 Approx. diet. to ravine, drains S.; asc. about 30 ft. over steep E. slope to sec. cor. 39.96 The cor. of secs. 4 and 5 which is monumented with an iron post, 2 ins. diam,, set, mkd. and witnessed as described in the official recording to the second record.

الهاد الأكاملات

Land, mountainous and broken. Soil, sandy loam and rocky.

Timber, medium growth of pinon and juniper.

Retracement of the North Boundary of T. 20 S., R. 19 E. Chains S. 89% 47 W., along the N. bdy. of sec. 5. By triangulation; asc. about 350 ft. over steep, broken E. slope. . - . - 10 . . . 8.40 The original witness cor. of secs. 32 and 33, which is monumented with an iron post, 2 inst diam., set, mkd. and witnessed as described in the official record. This cor. will now function as the new witness cor. of secs. 32 and 33. Cont. by triangulation and desc. about 590 ft. over steep, broken W. آگی عدادی در ایک در ایکهای ایکهاید. معددی ایاد به افداد از در در واده 8.53 True point for the original cor. of secs. 32 and 33, which was never monumented. 9.54 True point for the cor. of secs. 32 and 33, at 40.00 chs. westing from the & sec. cor. of sec. 33 falls on precipitous W. slope in unsafe position for a cor. monument. 24.50 Approx. dist. to E. edge of sagebrush flat, bears NE. and SW.; leave steep hillside and desc. about 100 ft. over gradual W. slope. Approx. dist. to wash, 30 lks. wide, 3 ft. deep, drains S. 20° E.; 31.50 asc. about 120 ft. over abrupt SE. slope to the & sec. cor. of sec. 5. ... الدائر أستخبيرون بالأمار المناز في لا المناس المالوف في الجوالد Approx. dist to W. edge of sagebrush flat, bears NE. and SW.; asc. 36.50 about 120 ft. over abrupt SE. slope to the 1/2 sec. cor. of sec. 5. 39.92 The & sec. cor. of sec. 5, which is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record, N. 89° 47' W., beginning new measurement. Asc. about 330 ft. over abrupt SE. slope to high spur. 8.53 The original & sec. cor. of sec. 32, which is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record. As this point now becomes an angle point only on the S. bdy. of sec. 32, it is remarked so that it now reads: ΑP S32 1924 1960 9.10 Sharp spur, projects S.; cont. by triangulation; desc. 100 ft. over W. slope. · ' (() . ه بلا⁄ستاکی بلاکتابه بایان 9.53 Point selected for the witness $\frac{1}{4}$ sec. cor. of sec. 32. Set andiron post, 30 ins. long, 22 ins. diam., on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. W & §32 read the establete and

9.62 True point for the k sec. cor. of sec. 32 falls on large boulder at a point where it is impossible to establish a cor. monument.

Approx. dist. to wash, 30 lks. wide, 4 ft. deep, drains S. 25° W.; asc. about 60 ft. over gradual SE. slope.

U. S. GOVERNMENT PRINTING OFFICE 16-28520-2

364	
	Retregement of the Merth Boundary of T. 28: 8 47 282 19 8.
Chains 24.60	Approx. dist. to wash, 35 lks. wide, 5 ft., deep, drains 3. 15° W.
.25,60	Approx. diat. to wash, 30 lks.wide, 6 ft. deep, drains 3. 40° E.; asc. about 130 ft. over NE. slope.
39,77,	The core of secs. 5 and 6, which is monumented with an iron post, 2 ins. diam,, set, mkd, and witnessed as described in the official record.
	Land, mountainous and broken. Soil, sandy and rocky loam. Timber, pinon and juniper.
r r.,.	and the second of the second o
	S. 89° 55' W. a on the N. bdy. of sec. 6. By triangulation.
5.00	End of triangulation on apur, projects S. 15° W.; desc. about 50 ft. over NW. slope.
. 8.53	The original cor. of secs. 31 and 32, which is monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record. As this point now becomes an angle point only on the S. bdy. of sec. 32, it is remarked so that it now meads:
, CC 	A P
9.85	Point for the cor. of secs. 31 and 32, at 40.00 chs. westing from the sec. cor. of sec. 32.
3	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass mkd.

T19S R19E S31 | S32 **T20S** 1960

Beginning of triangulation; desc. about 200 ft. over rather gradual W. slope, through dense timber.

- 21.50 Approx. dist. to ravine, drains S. 30° E.; asc. about 180 ft. over NE. slope of he are a real and 10.0
- 22,00 Approx. dist. to unimproved road, bears S. 80° W. and N. 80° E.
- End of triangulation; ridge, bears S. 15° W. and N. 15° E.; desc. 33.79 about 90 ft. over NW. slope.
- 39.63 The original & sec. cor. of sec. 6, which is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the offic record. , with the faith of the second

Oz. i

(a. 1

- N. 89% 29 Ws. beginning newsmeasurement.cs. che ...cvc.cd. ...cvc.
- 2.70 Consolarization of the state of
- 6.20 Spur, projects N.; desc. about 40 ft. over W. slope . . .

Silver .les s <u>reférences</u>

Retracement of the North Boundary of T. 20 S., R. 19 E. Chains 8.53 The original & sec. cor. of sec. 31, which is an iron post, 1 in. diam. set, mkd, and witnessed as described in the official record. This cor. now functions as an angle point and is remarked to now read: A P S31 1924 1960 100 10.22 Point for the 1/2 sec. cor. of sec. 31, at 40.00 chs. westing from the SE. cor. of sec. 31. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd. T19S R19E ≵ <u>\$31</u> **T20S** 1960 Ravine, 70 ft. below & sec. cor., drains N.; asc. about 40 ft. over 11.53 W. slope. Spur, projects N. 10° E.; desc. about 280 ft. over NW. slope; leave 14.93 timber, bears NE. and SW. 26.43 Road, unimproved, bears N. 80° W. and S. 80° E. 38.03 Wash, 40 lks. wide, 6 ft. deep, drains S. 70° W. 39.38 The cor. of Tps. 19 and 20 S., R. 19 E., monumented with a 3 ins. iron post, set, mkd. and witnessed as described in the field notes of the dependent resurvey of a portion of the W. bdy. of T. 20 S., R. 19 E., executed concurrently under this same group. Land, mountainous. Soil, sandy loam. Timber, dense pinon and juniper E. 50.00 chs., scattered W. 20.00 chs. Survey of a Portion of the Subdivision of T. 19 S., R. 19 E. From the cor. of secs. 35 and 36, on the S. bdy. of the Tp. North, bet. secs. 35 and 36, on a Sectional Guide Meridian. Over broken, mountainous land, through dense timber. By triangulation; asc. about 170 ft. over abrupt SW. slope. End of one triangulation on top of narrow ledge, 100 ft. high, 20 lks. 4.19 wide, projects W. about 30 lks.; beginning of another triangulation; desc. about 150 ft. over abrupt N. slope. 5.00 = Approx. dist. to foot of ledge; asc. about 30 ft. along W. slope. 20.80 Approx. dist. to ledge, 20 ft. high, bears N. and S.; asc. about 40 ft. along W. slope. 3. ... 38.05 End of one triangulation on spur, projects W. about 4.00 chs.

8. S. SOVERNMENT PRINTING OFFICE 16-20690

Point selected for the witness & sec. cor. of secs. 35 and 36.

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Survey.ofta Portion of the Subdivision of Packs 898 R. 19 E.
 Chains
Set an iron post, 30 ins. long, 21 ins. diam., 10 ins. in the ground
to bedrock, in a mound of stone; 22 yeft 9 base to topy with brass cap
        inkd. Declinates on the same of edges no as enciptions for each
                                      T19S R19E
                                  1
                                            Ł
                                          WC
                                 5000
                                 6
                                        S35 S36
         Beginning of another triangulation; desc. about 150 ft. Gover broken
         NW. slope.
                      with the good and the congruence of the
         Point: for the & sec. cor. of secs 2 35 and 36 falls on ledge where cor
  40.00.
         cannot be established.
         Approx. dist. to ravine, drains S. 20° W.; asc. about 520 ft. over $.
  45.60
         slope.
  74.36
         End of triangulation on point of spur, projects S.; asc. 30 ft. along
         ispurado acosta a casa a casa a como en relación de casa esparado en casa en casa en casa en casa en casa en c
         Point for the cor. of secs. 25, 26, 35 and 36.
  80.00
         Set an iron post, 30 ins. long, 2\frac{1}{2} ins. diam., 4 ins. in the ground.
         to bedrock, in a mound of stone, 4 ft. base to top, with brass cap
                    أعفقها بيريكلاطن ككد
                                       T19S R19E
                                     C. $26 $25 C. L. L. C. 1833
                                        S35 S36
                    ا (الأنف المالية في 1960 من قو الكفوريون الله الساء الما
                   i bullit
                            where C_{ij} = \{ (i,j) \in \mathcal{C}_{ij} : i \neq i \neq j \} . Where C_{ij} = \{(i,j) \in \mathcal{C}_{ij} : i \neq j \neq j \}
         Land, mountainous, broken. So C. New York and C. Soil, rocky clay.
         Timber, dense pinon and juniper, scattered pine.
                                                  له طي شاي کا يا کا و
         From the cor. of secs. 25 and 26, on the E. bdy. of the Tp., monumen
         with a 2½ ins. iron post, previously described.
          المفاركين فالمنف في في تأثيث في المنافي الكالمان المنافي الله المنافي والمنافية
         N. 89° 55' W., bet. secs. 25 and 36.
         Over broken, mountainous land, through dense timber.
           عدد قابلاً المحكم على $250 ما يا $250 ما الكوري الأولى والعالية المراكب
         By triangulation; desc. about 30 ft. over W. slope.
                                       , . . .
                                              318 .FRED .SEC 32. E
   5.10
        Approx. dist. to point of spur, projects W.; desc. about 670 ft. over
         abrupt. Wauslopes of receiving the auchdebender greene wewer
  24.10
         Approx. dist. to bottom of canyong drains S. asc. about 680 ft. over
         abrupt E. slope.
              total conservation of neutron planet of the best total
         Point for the & sec. cor. of secs. 25 and 36 falls on inaccessible E.
39.08
         slope of canyon and disenot monumented. And Call areas . The
 45.68
        Point selected for the witness & sec. cor. of secs. 25 and 36.
    ces Setsan, ironspost, 30 ins. Mong, 2% installiam., 12 instaln the ground,
         in a mound of stone, 3 ft. base to top, with brass cap mkd.
          19.05 But O. the Ivan Caesta 8015 part 10 pers . com I a. Jo
      . . . 4
          າ <u>1 825</u> W
ກ່າວ ເຂື່ອຍ ພຣະ . ເປັນ . ເປັນ ຊີ ເປັນ 336 Cer ນຸຍຄົນ ກອນພອຍອອ ປານີເປັ
                                          1960
  46.02 End of triangulation; asc. about 90 ft. over gentle E. slope.
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59.30 Top of ascent, bears N. and S.; beginning of triangulation; desc.

	Strey of a Fortion of the Subdivision of T. 19'S., R. 19 E.
Chains	210 ft. over steep, broken W. slope.
70.10	Approx. dist. to bottom of ravine, drains S.; asc. about 130 ft. over broken state to bottom of ravine, drains S.; asc. about 130 ft. over
વ ેક.0ક ે	The cor. of secs. 225, .26, 35 and 36: 5.3 1 Common secs.
	Land, broken, mountainous.
.ceah (Timber, dense pinon and juniper, scattered pine.
	. 80 0003 00 . 80000 00 . 200 . 000 000 000 000 000 000
ಸಂಚರ್ಚಿತ ಎ. 8೨ 80ಚಿಂತ	From the control secs. 32 and 33; for the S. bdy. of the Tp.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over broken, mountainous land, through dense timber; asc. about 30 ft. along W. slope.
11.40	Top of ascent; beginning of triangulation; desc. about 80 ft. over broken NW. slope.
30.00	Approx. dist. to ravine, drains W.; asc. about 70 ft. over S. slope.
40.00	
	Point for the kasec. cor. of secs. 32 and 33 falls on spur; projects NV
65 - 3. 1 _. 3 - 6 83 . 4	Set in iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.
	T19S_R19E
	大 8. 1. 5. 532 S33
	1960
	Cont. by triangulation; desc. about 120 ft. over NE. slope.
55.70	Approx. dist. to head of ravine, drains E., asc. about 40 ft. over SE. slope.
65.40	End of one triangulation on ridge, bears N. 85° E. and S. 85° W.; beginning of another triangulation; desc. about 280 ft. over broken N. slope.
79.00	Approx. dist. to bottom of canyon, with stream of clear water, 1 lk. wide, 1 in. deep, drains W. from N. 60° E.; asc. about 30 ft. over S. slope.
80.00	Point for the cor. of secs. 28, 29, 32 and 33; end of triangulation.
;	Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T19S R19E
0 ∞ . c:	$egin{array}{cccccccccccccccccccccccccccccccccccc$
	. respect, the containous, broken.
	Soil ju rocky. and has the recommendation and reserved pine. As a mean out to the comment of the
Sing out to	ramer, dense prior and jumper, seattered price.
Sing (OU C	. Numer and jumper, bearing print.

Chains ုက် လွန်မေတာ် ၁၁၉၈ ချောင်း မိန်နိုင် N. 0° 03' W., bet. secs. 28 and 29. .સહાયત્વા ઇક્કાઈ Over mountainous, broken land, through medium timber. By triangulation; asc. about 450 ft. over steep and broken SE stops. 23.96 End of triangulation. لهدائي مايه والمحارب والأملاء والمرا Rocky spur, projects S. 40° W.; beginning of triangulation; desc. 24.60 about 170 ft. along W. slope. 40.00 Point for the 2 sec. cor. of secs. 28 and 29. Set an iron post, 30 ins. long, 21 ins. diam, 8 ins. in the ground, to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap T19S R19E The second of the specific contract 49.45 End of one triangulation, beginning of another; desc. about 430 ft. Point for the cor. of secs. 20, 21, 28 and 29. 80.00 Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap mkd. T19S R19E S20 S21 S29 S28 1960 U... 3. Land, mountainous. Soil, sandy loam, rocky. Timber, dense pinon and juniper. N. 0° 03' W., bet. secs. 20 and 21. Over mountainous land, through dense timber. By triangulation; desc. about 380 ft. over steep, broken NE. slope. 2.70 Approx. dist. to S. rim of canyon, bears N. 40° W. and S. 40° E. 18.20 Approx. dist. to bottom of canyon, drains N. 40° W.; asc. about 200 ft. over broken SW. slope. 33.40 Approx. dist. to N. rim of canyon; ledge, 40 ft. high bears N. 40° W and S. 40° E.; asc. gentle SW. slope. 39.50 Approx. dist. to spur, projects W. 40.00 Point for the k sec. cor. of secs. 20 and 21 falls on large boulder where cor. cannot be established. 41.45 End of triangulation. 41.50 Point selected for the witness & sec. cor. of secs. 20 and 21.

.3 C. .. Survey of a Portion of the Subdivision of T. 19 S., R. 19 E.

Chains

42.86

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Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3½ ft. base to top, with brass cap

T19S R19E

S20 S21

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is a communication of the

Beginning of another triangulation; desc. about 160 ft. over N. slope.

44.00 Approx. dist. to bottom of descent; cont. across bottom.

49.00 Approx. dist. to Tusher Creek, 70 lks. wide, 3 ft. deep, with jeep trail in wash, drains S. 50° W.; asc. abrupt and broken SE. slope.

Approx. dist. to top of ledge, 70 ft. high, bears S. 50° W.; and S. 80° E.; asc. about 20 ft. over gentle SE. slope.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

S20 S21 1960

Land, mountainous.
Soil, sandy loam, rocky.

Timber, dense pinon and juniper.

N. 0° 03' W., bet. secs. 16 and 17.

Over mountainous land, through dense timber.

By triangulation; asc. about 240 ft. over SE. slope.

20.85 End of one triangulation on spur, projects S. 30° W.; beginning of another; desc. about 100 ft. over NW. slope.

Approx. dist. to head of ravine, drains S. 45° W.; asc. about 120 ft. over broken SE. slope.

40.00 Point for the sec. cor. of secs. 16 and 17 falls on ledge where cor. cannot be established.

42.40 Approx. dist. to top of sloping ledge, 30 ft. high, and top of spur, projects S. 70° W.

End of one triangulation and point selected for the witness & sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a collar of stone to top, with brass cap mkd.

T19S R19E

S17 S16

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1960

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	•• ••	Survey of a Pontion of the Subdivision of T. 19 San R. 19 E.	
	Chains		
	J.	Beginning of another triangulation; desc, about 110 ft. over NW. s	1
	54.20	Approx. dist. to ravine, drains S. 65° W.; asc. about 130 ft. over SE. slope.	
	61.69	End of one triangulation on ridge, bears E. and W.; beginning of another; desc. about 400 ft. over steep, broken N. slope.	
	75.00	Approx. dist. to bottom of canyon, drains W.; asc. abruptly about 110 ft. over S. slope.	
,	78.85	End of triangulation on top of ledge, 75 ft. high, bears irregular. E. and Wassells is a market considered as its and the control of the con	.у
	.80.00	Point for the cor. of secs. 8, 9, 16 and 17.	
		Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock in a mound of stone, 3½ ft. base to top, with brass cap mkd.	
	2000 - Bu 1230 - GGA	.: s () (a , T19S R19E c o. s.: o.	
		Soil, sandy loam, rocky. Timber, dense pinon and juniper, scattered pine.	
		، درو المدر دول به درو المدرون المدرو	
		Over mountainous land, through dense timber.	
		By triangulation; asc. about 100 ft. over SE. slope.	
	19.20	Approx. dist. to spur, projects S. 70° W.; asc. about 170 ft. over broken NW* \$ldges er containing on 35. slones containing	
	32.20	Approx. dist. to rayine, drains \$, 70°, W.; asc. about 270 ft. over sandstone ledges and outcroppings on SE. slope.	
	40.00	Point for the & sec. cor of secs 8 and 9 falls on broken ledges is not monumented.	ď
•	45.00	Point selected for the witness & seco cor. of secs & and 9.	
. Ų	ຸເສ, ອ. ເ	Set an aron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground in a mound of stone, 4 ft. base to top, with brass cap mkd.	i,
e		ال الله الله الله الله الله الله الله ا	
۷.	. 42	1 . (V . E m de Oligi)	
	45.53	:	
	46.96	Ridge, bears E. and W.; thence by triangulation; asc. about 180 ft.	
	67.46	End of triangulation on spur, projects S. 60° W.; thence desc. about 210 ft. over NW. slope.	ι t
	80.00	Point for the cor. of secs. 4, 5, 8 and 9 falls in wash, 30 lks. wi 5 ft. deep, drains N. 80° W., where cor. cannot be permanently monumented.	1-

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. Survey of a Portion of the Subdivision of T. R. E.
   Chains
               Land, mountainous, which contains the process of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution of the solution 
                Timber, dense pinon and juniper, scattered pine.
                  N. 0° 03' W., bet. secs. 4 and 5.
       .40
                  Point selected for the witness cor. of secs. 4, 5, 8 and 9.
               Set an iron post, 30 ins. long, 22 ins. diam., 16 ins. in the ground
                 in a mound of stone, 2 ft. base to top, with brass cap mkd.
                 المحتاب أمن والم
                 رود غیرو بیار (-1.95) به ت{f T195} و این این المطابق کار با باین المطابر و ا
                                S8 S9
                                                                             W C
                                                                             1960
                           ( - - ÷
                 Cont. by triangulation over broken, rough mountainous land, through
                dense timber; desc. about 170 ft. over gentle NW. slope.
                 Approx. dist. to bottom of canyon, drains S. 70° W.; asc. about 1,150
    4.70
                 ft. over steep, broken ledges and sandstone outcropping on SE. slope.
                                                              out of the contract of the
  40.00
                 Point for the & sec. cor. of secs. 4 and 5 falls on inaccessible SE.
                -slope and cannot be monumented.
  53.20
                 End of triangulation on top of ledge, 50 ft. high, bears W. and N.
                 15° E.; point selected for the witness cor. of secs. 4 and 5.
                 Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone,
               in a mound of stone, 4 ft. base to top, with brass cap mkd.
                                                                       T19S R19E-
                                                                 S5 S4
                                                                             W C
                                                                             1960
                 Asc. about 240 ft. over SE. slope.
 74.40
                 Ridge, bears N. 15° E. and W.; desc. about 1,440 ft. over steep NW.
                 slope to canyon.
 80.00
                 Point for the 1/16 sec: cor. of secs: 4 and 5; 140 ft. below ridge.
                 et an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground
                 to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
                                                                                          3 5 6 6
                                                                      T19S R19E
                                                                          S5 S4
                                                             100.00 Point for the 1/16 sec. cor. of secs. 4 and 5, 920 ft. below ridge.
                 Set an iron post, 30 ins. long, 2\frac{1}{2} ins. diam., 6 ins. in the ground
                 to bedrock, in a mound of stone, 3 fr. base to top, with brass cap mkd.
                                                                      T198 - R198 - Care - Care - 200
                                                                                       1/16
                                                                           S5 S4
                                                                            100
```

Point selected for witness closing cor. of secs. 4 and 5.

111.00

1960

Survey of a Portion of the Subdivision of J. 19 San R. 19 E.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam, 15 ins. in the in a mound of stone, 3 ft. base to top, with brass cap mkd.

112.00 Deep canyon, drains W.; asc. about 100 ft, over precipitous S. sl

114 63

Intersect the S. bdy. of sec. 33, T. 18 S., R. 19 E., at true point for closing cor. of secs. 4_T and 5, falls on sloping ledge 100 ft. high, where cor. monument cannot be established.

from which

The cor. of secs. 32 and 33, T. 18 S., R. 19 E., bears N. 88° 05' W., 4.98 chs. dist. It is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the S. bdy. of T. 18 S., R. 19 E. executed concurrently under this same group.

Land, rough, broken, mountainous.
Soil, rocky loam.

Timber, dense pinon and juniper and dense pine on NW. slopes.

5.1 1 L ... ·

At the calculated position for the closing cor. of secs. 2 and 3, T. 19 S., R. 19 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the growing a mound of stone, 2 ft. base to top, with brass cap mkd.

S35 S3|S2 C C T19S R19E 1960

from which

The cor. of secs. 34 and 35. T. 18 S., R. 19 E., which is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the S. bdy. of T. 18 S., R. 19 E., executed concurrently under this same group, bears N. 89° 37' W., 4.23 chs. dist.

S. 0° 01' E., bet. secs. 2 and 3.

Asc. about 80 ft. along W. slope, over mountainous land, through dense oak brush and scattered groves of aspen.

8.00

Top of ascent, projects W.; beginning of triangulation; desc. about 110 ft. over SW. slope.

8.88 Point for the 1/16 sec. cor, of secs. 2 and 3.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground with brass cap mkd.

Clarit !

S. C. Officerated Statement Statement Statement

- чет 373

. Late . (Beauty of a Portion of the Subdivision of T. 198. R. 19 E. Chains 1/16 C C (1 C) 1960 15.00 Approx. dist. to ravine, drains W.; asc. about 220 ft. over NW. slope. 26.00 Approx. dist. to S. edge of aspen timber, bears E. and W. 27.19 End of triangulation. 28.88 Point for the 1/16 sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 21 ins. diam., 24 ins. in the ground, with brass cap mkd. 1/16 S3 | S2 80 1960 Beginning of triangulation; asc. about 80 ft. over NW. slope. 33.20 Top of ascent, bears S. 20° W. from N. 50° E. 33.24 End of one triangulation, beginning of another; desc. about 870 ft. over steep, broken, SE. slope. 50.00 Approx. dist. to ravine, drains S. 70° E.; asc. about 50 ft. over NE. slope. 65.72 End of triangulation and point selected for the witness & sec. cor. of secs. 2 and 3. Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, in a mound of stone, 5 ft. base to top, with brass cap mkd. T195 R19E \$3↓\$2 68.88 True point for the k sec. cor. of secs. 2 and 3 falls on face of steep rock outcrop, where cor. monument cannot be established. 70.00 Approx. dist to spur, projects S. 70° E.; beginning of triangulation; desc. about 300 ft. over SW. slope. 90.00 Approx. dist. to ravine, drains S. 45° W.; asc. about 200 ft. over broken NW. slope. 106.22 End of triangulation. 106.60 Point selected for the witness cor. of secs. 2, 3, 10 and 11, on spur projecting W. set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 31 ft. base to top, with brass cap mkd. T198 R19E S3 | S2

Point for the cor. of secs. 2, 3, 10 and 11, falls on broken ledge where cor. cannot be established.

\$10↓\$11 W C 1960

	1 7 1915 of a Portsionie Chat Subdivision of R. equation R. 19 E.
Chains	Chains
	Land, mountainous, broken
	Soil, sandy, rocky.
	Timber, dense stands of aspen and dense oak brush N. 28.00 chs.;
	dense pinon and juniper 6. 80.00 chs.
instance in the	15.00 Papasan akate, to revule, drafire it, as a about LD avi.
	10.00 Egyeon, first, to a egg or asper cancer, bears a con-
	At the calculated position for the closing cor. of secs. 1 and 2,
'	T. 19 S., R. 19 E
	A book that could be a sold to be that one of the sold before the book and the sold bearing the sold by
1	Set an iron pose, 30 ins. long, 22 his dian; 10 ins in the ground
Table of	to bedrock, in a mound of stone, 3 ft. base to top, with brass cap
	\$36 From 130 (Engle #220)
	<u>S2 S1</u>
	C C
p.	T19S R19E
n e	1960
; 	from which
	The cor. of secs. 35 and 36, T. 18 S., R. 19 E., which is monu-
	mented with an iron post, 2½ ins. diam ?, set, mkd. and witnessed as
	described in the field notes of the dependent resurvey of the S. bdy
	of T: 18 S., R: 19 E., executed concurrently under this same group, bears N. 89° 43' W., 4.09 chs. dist.
	Dears N. 89* 43* W., 4.09 Chs. dist.
	South, bet secs. 1 and 2, on Sectional Guide Meridian.
	Jac.
	Over broken, mountainous land, through dense aspen.
	to see the safe than bettered the releasing main to be a MY. or
	Asc. about 90 ft. over N. slope.
3.10	Road, graded, bears N. 200 E. and S. 30 % W. 100 L. S. C.
in in you it was	
8.28	Point for the 1/16 sec. cor. of secs. 1 and 2.
	20 4 2 1 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 2 4
: 	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	Sign of the state
	1/16
	\$2 \$1
7,59, C 3C 3C	ນ ປະຊາຊານ ໄດ້ປະທາດ ເຄຍລວ ແປ່ ເພື່ອນ 160 0 ປະຊາຊານ ແປ່ງ ເພື່ອນ ແປ່ງ ຄວາມ ເພື່ອນ ເພື່ອນ ເພື່ອນ ເພື່ອນ ເພື່ອນ ເພື່ອນ ປະຊາຊານ ພາຍ ເພື່ອນ ປະຊາຊານ ປະຊ
.	1. 3. 62. 43. 63. 63. 7. 6. 63. 63. 63. 63. 63. 63. 63. 63. 63.
10.20	Road, graded, bears N. 80° E. and S. 180° W. Bears . Louis . CC. C.
1	ે હિલ્લા, લક્કાલ દેવને કેટ, નેકેલા કેકે, કોન્સફરે,
11.80	Top of ascent, bears E. and W.; desc. about 30 ft. over gentle S.
i pove	slope, Teave aspen, bears R. and Whave or . Teab . Morange 60.00
13.23	Top of ledge, 100 ft. high, bears NE. and SW.; beginning of triangu-
13.23	lation; desc. about 900 ft. over abrupt, broken S. slope.
	, , , , , , , , , , , , , , , , , , , ,
28.28	Point for the 1/16 sec Cor of secs. 1 and 2 falls on inaccessible
*	S. slope and is not monumented.
34.00	Annuary dian was increasing the district Company of the district of
	Approx. dist. to ravine \$40 ft deep, drains 5: 660 B. 3 asc. about 9. ft. rover NE : slope; 5 of sast . 3 &c., 900 k to be on a maj
39.70	Point selected for the witness 1/16 sec. cor. of secs. 1 and 2.
	C. C. C. C. C. C. C. C. C. C. C. C. C. C
	Set an iron post, 30 ins. C. Fong, 2½ ins. diam., 22 ins. in the ground,
	with brass cap mkd.
\$ 55.5	106.38 lother for the cor. of secs. 1, 3, 10 and 11, Tails on ore
	where wor. common be established.
. 1	

47.27%

A Survey of a Portion of the Subdivision, T. 19 S., R. 19 E.

Chains

1/16 W C S2/S1 80

1960

- 45.27 End of triangulation.
- 45.30 Top of ascent, projects E.; beginning of triangulation; desc. about 460 ft. over broken SE. slope.

1 12 1 6 E.E.

C 2. 6

- 56.00 Approx. dist. to ravine, drains S. 30° W.; asc. about 710 ft. over NW. slope.
- 68.28 Point for the & sec. cor. of secs. 1 and 2, 260 ft. above ravine.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T19S R19E \$ \$2|\$1 1960

- 86.41 End of triangulation on ridge, bears S. 15° E. and N. 10° E.
- 86.88 Beginning of triangulation; desc. about 280 ft. over SW. slope.
- 95.00 Approx. dist. to ravine, drains W.; asc. about 90 ft. over N. slope.
- 103.48 End of triangulation; desc. about 150 ft. over SW. slope.
- 108.28 | Point for the cor. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Land, mountainous, broken.
Soil, sandy loam, rocky.

Timber, dense aspen N. 1300 chs., medium dense pinon, juniper and oak brush S. 95.00 chs.

N. 89° 53' W., bet. secs. 2 and 11.

By triangulation, over broken mountainous land, through dense timber; desc. about 460 ft. over SW. slope.

- 20.40 Approx. dist. to ravine, drains \$. 10° W.; asc. 480 ft. over abrupt, broken SE. slope.
- Point for the & sec. cor. of secs. 2 and 11 falls on ledge where cor. monument cannot be established.
- 41.10 Point selected for the witness & sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 2½ ins. diam., 13 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Survey of a Rortion of the Subdivision of Tw 19 8., R. 19 E.

Chains

21.3

119S R19E $\frac{1}{4} \frac{S}{S11} \frac{2}{C} W$ 1960

- End of triangulation. 41.43
- Spur, projects S. 10° W. for about 10.00 chs.; beginning of triangu-42.80 lation; desc. about 420 ft. over NW. slope.
- Approx. dist. to head of ravine, drains S. 75° W.; asc. about 100 ft 60.30 100 274 Car & B. B. Live 126 over broken SW. slope.
- End of triangulation; desc. about 30 ft. along S. slope. 72.79

79.98 True point for the cor. of secs. 2, 3, 10 and 11.

from which

The witness cor. of secs. 2, 3, 10 and 11 bears N. 0° 01^{11} W., 2.28 chs. dist., previously described.

Land, mountainous and broken.

ecs.

Soil, rocky loam. Timber, scattered pine, aspen and juniper.

Undergrowth, dense oak brush.

At the point for the N. & sec. cor. of sec. 2, at midpoint bet. the NE. and NW. cors. of the sec.

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground in a mound of stone, 2 ft. base to top, with brass cap mkd.

> - T19S R19E 1960

from which

The S. & sec. cor. of secs. 35, T. 18 S., R. 19 E., which is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the dependent resurvey of the S. bdy of T. 18 S., R. 19 E., executed concurrently under this same survey group, bears N. 89 $^{\circ}$ 37 $^{\prime}$ W., 4.16 chs. dist.

and great that the state of a

From the cor. of secs. 16, 17, 20 and 21.

N. 89° 59' E., bet. secs. 16 and 21.

Over broken, mountainous land, through dense timbers

By triangulation; asc. about 50 ft. along S. slope.

12.20 Top of ascent, bears N. and S.; desc. about 230 ft. over SE. slope.

المال المالك الأساط الأساء

- 31.90 Approx. dist. to bottom of Tusher Creek, drains S. 50° W; asc. abou 260 ft. over abrupt NW. slope.
- 40.00 Point for the & sec. cor. of secs. 16 and 21, falls on ledge, where cor. monument cannot be established.

C 1172

12 . Survey of a Portion of the Subdivision of T. 19 S., R. 19 E. Chains 42.00 Top of ledge, 30 ft high, bears irregularly N. and S. 43.25 Point selected for the witness & sec. cor. of secs. 16 and 21. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mled ្ស ನಿರ್ವಹನ TL9S RL9R 44 L M 816 C 821 1960 46.60 Cont. by triangulation; desc. about 60 ft. over NE. slope. Approx. dist. to ravine, drains N.; asc. about 40 ft. over NW. slope. 52.10 55.10 Approx. dist. to spur, projects N.; desc. about 150 ft. along N. slege. Approx. dist. to ravine, drains N. 35° W.; asc. about 230 ft. over 67.10 SW. slope. 72.93 End of triangulation. 73.10 Spur, projects N. 10° W. for about 1.00 ch.; desc. about 50 ft. along N. slope. 76.91 Ladge, 30 ft. high, bears N. 80° E. and S. 80° W.; asc. abruptly 40 f 80.00 Point for the cor. of secs. 15, 16, 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T195 R19E \$16 | \$15 S21 S22 1960 Land, mountainous, broken. Soil, sandy, rocky. Timber, dense pinon and juniper, scattered pine. N. 0° 02' W., bet. secs. 15 and 16. Over broken, mountainous land, through scattered timber.

1:00

By triangulation; desc. about 130 ft. over N. slope.

- 4.00 Approx. dist. to ravine, drains W.; asc. about 190 ft. over S. slope.
- 11.00 Approx. dist. to spur, projects W. for about 10.00 chs.; desc. about 270 ft. over NW. slope.
- 25.00 Approx. dist. to ravine, drains S. 60° W.; asc. about 1,170 ft. over steep, broken SE. slope.
- 37.88 End of one triangulation at base of ledge, bears NE. and SW.; point selected for the witness & sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

		Survey of a Portion of the Subdivision of To 19 Suc R.	19 E.
	Chains	1	e dod s
	O MARIE I	, is a lodge of track to the second of the s	C(, Sis
		. 3 5 € € . 0 > 1 2 FFS > ₩ G old . 0 2 Hospotian > 1 € €	48.2
	* - · · ·	3ee c	!
	J. 1. J.	Beginning of another triangulation; asc. over ledges 20 high.	t. to 40 ft
	40.00 48.70		65° E.;
	60.70	Approx. dist. to ravine, drains S. 20° W.; asc. about 240 SE. slope.	
٠	80.00	Roint for the cor. of secs. 9, 10, 15 and 16.	
		Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in to bedrock, in a mound of stone, 2½ ft. base to top, with mkd.	brass cap
		. 5	Î
		T19S R19E S 9 S10 S16 S15	
	. د .		(1.1.
		Land, mountainous, broken. Soil, rocky.	
		Timber, scattered pinon and juniper.	* * * * * * * * * * * * * * * * * * *
		n jes (j. 1964) je karalina karalina karalina karalina karalina karalina karalina karalina karalina karalina k Baralina karalina	.
		N. 89° 58' W., bet. secs. 9 and 16.	1
		By triangulation; asc. about 400 ft. over broken ledges a outcroppings on steep E. slope.	ind sands
	9.00	Slope changes to S.; asc. about 90 ft. along same.	
	15.70	Spur, projects S.; end of one triangulation, beginning of desc. about 300 ft. over SW. slope.	another;
	22.00	Approx. dist. to ravine, drains S.; asc. about 100 ft. or	ver SE. s
	29.51	End of triangulation, beginning of another.	
	29.54	Point selected for the witness & sec. cor. of secs. 9 and of ledge; 60 ft. high, bears N. and S. 10° W.	l 16, on top
		Set an iron post, 30 ins. long, 2½ ins. diam., on solid s in a mound of stone, 4 ft. base to top, with brass cap me	:d.
1		7198 R19E	* * * .
	C	. Other terminal of the second	· · · · · · · · · · · · · · · · · · ·
		Desc. about 790 ft. over broken ledges and sandstone out on NW. slope.	
	 39.97	Point for the & sec. cor. of secs. 9 and 16 fells in an appropriation on nearly vertical NW. slope.	
:	65: .00	Approxicalist. to bottom of canyon, drains S. 78% Waydasc ft. over SE. slope.	about 150
	79.94	The cor. of secs. 8, 9, 16 and 17.	
		, .,	!

A 1784 ...

Survey of a Portion of the Subdivision of T. 19 S., R. 19 E.

Chains

Land, broken, mountainous.

Soil, rocky.

Timber, scattered pinon, juniper and pine.

From the cor. of secs. 31 and 32, on the S. bdy. of the Tp.

N. 0° 03' W., bet. secs. 31 and 32.

Over mountainous land, through dense timber.

Asc. about 50 ft. over SW. alope.

- 8.10 | Road, unimproved, bears N. 80° W.
- 8.14 Top of ascent, bears N. 80° W. and S. 80° E.; beginning of triangulation; desc. about 80 ft. over NE. slope.
- 13.50 Approx. dist. to ravine, drains N. 45° W.; asc. about 60 ft. over SW. slope.
- 17.50 Approx. dist. to point of spur, projects W.; desc. about 160 ft. over NE. slope.
- 36.00 Approx. dist. to N. edge of timber, bears E. and W.; beginning of sagebrush flat.
- 40.00 Point for the k sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a flat mound of stone, $2\frac{1}{2}$ ft. diam., with brass cap mkd.

T19S R19E \$31 | S32 1960

- 43.00 E. end of airstrip, bears W.
- 44.40 End of triangulation.
- 45.40 Enter dense timber, bears E. and W.
- 49.70 | Spur, projects W.; desc. about 60 ft. over N. slope.
- 61.41 S. rim of canyon, bears E. and W.; beginning of triangulation; desc. about 380 ft. over broken N. slope.
- 70.00 Approx. dist. to bottom of canyon, drains W.; asc. about 260 ft. over S. slope.
- 80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T19S R19E \$30 | \$29 \$31 | \$32 1960

Land, mountainous.
Soil, gravelly loam.
Timber, dense pinon and juniper.

Survey of a Portion of the Subdivision of To 19 S., R. 19 E.

Chains

From the cor. of secs. 28, 29, 32 and 33.

N. 89° 58' W., bet. secs. 29 and 32.

Over mountainous land, through dense timber.

By triangulation; asc. about 80 ft. over gentle SE. slope.

- 19.61 End of triangulation.
- 19.80 Spur, projects S. 50° W.; beginning of triangulation; desc. about 180 ft. over broken NW. slope.
- 30.00 Approx. dist. to ravine, drains S. 50° W.; asc. about 250 ft. over broken SE. slope.
- 39.98 True point for the ½ sec. cor. of secs. 29 and 32, falls on steep sloping rock outcropping where cor. monument cannot be established.
- End of one triangulation on top of ledge, 100 ft. high, bears N. 85 E. and S. 45° W. Point selected for the witness & sec. cor. of secr. 29 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., on solid sandstone, in a mound of stone, $4\frac{1}{2}$ ft. base to top of post, with brass cap mkd.

T19S R19E

2 S29 W
S32 C
1960

Beginning of another triangulation; desc. abrupt and broken SW. slo about 600 ft.

- 75.00 Approx. dist. to road, unimproved, bears N. 15° W. and S. 15° E.
- 79.96 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous E. 2, broken W. 2 mile.

Soil, rocky.

Timber, dense pinon and juniper E. $\frac{1}{2}$ mile, scattered pinon and juniper W. $\frac{1}{2}$ mile.

General Description

T. 19 S., R. 19 E. is located in the Book Cliffs and is a mountainous, broken land varying in elevation from 6,000 feet to 9,000 feet above sea level.

The area is drained in a southwesterly direction by numerous canyons and ravines.

There are several jeep trails in the township. One follows Tusher Creek, one is in the northwest corner of section 1 and there is one in sections 31 and 32 leading from the air strip to Tusher Creek. There is an old and little used air strip in section 31.

In section 20 in the bottom of Tusher Creek Canyon there is an old cabin and spring of good drinking water used by the ranchers in the area to water their livestock and another spring is located at the head of Tusher Creek. No other water was noted in the township.

The Uintah and Ouray Indian Reservation borders the township along the east boundaries of sections 1, 12 and 13 and along the north boundary of sections 1 and a portion of section 2.

Township 19 South, Range 13 East

Chains

Timber consists mostly of dense pinon and juniper with scattered pine in the northern part and dense aspen and oak brush in the northeast corner.

Soil is sandy loam and rocky with sandstone outcroppings.

There are two old abandoned mines in the township, one in the northeast $\frac{1}{4}$ of section 31 and one in Tusher Creek Canyon in the southwest $\frac{1}{4}$ of section 20.

Chains	T. P. () () Engantip L. Sames harry L. Core	Chains
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	in the control of the	
. 3,	రాష్ట్రం కాటా కొండుకుండాడు మందుకుండా ఇంటు మాతుండాని. కాటా కొంది కాటా కోడ్ ఆమెక్స్ కాటా మాత్రికి కోట్లు కోడ్డికో కోట్లుకోడ్డి కోట్లుకోన్నారు. కోట్టికో కోట్లుకోన్నారు. కోట్టికో కోట్లుకో	
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4-680 (Feb., 1950)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

The State of the S

NAMES	CAPACITY		
Glen B. Hatch	Crew Chief		
Wallace R. Ott	Transitman		
Gordon Shurtz	Flagman		
Wayne Fisher	Chainman		
Parley Pratt	Cornerman		
Gary Rutledge	Chainman		
•			
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10--53565-2

CERTIFICATE OF CADASTRAL ENGINEER

	_, HEREBY CERTIFY upon honor that, 🖰
pursuance of special instructions bearing date of the11th	day of 15 harmy , not
I have surreyed, and rving the stop of the made the of the	he west to be so of T. 19 Sec
t. 20 %. wiff, new corners for the east boundary of 3	T S., R. 19 B., ret a
of the north languages of T. 20 S. R. 19 E., and some	of a portion of the sub-
divisional lines of T. 19 S. R. 19 E.,	
	a. • o
of the Salt Lake Meridian, in the State of Utah	, which
represented in the foregoing field notes as having been executed has	consecond under my direction; and
said survey has been made in strict conformity with said instruction	ons, the Manual of Instructions for
Survey of the Public Lands of the United States, and in the specif	fic manner described in the frequen
field notes.	
Salt Lake City, Utah	eorge g. Voorhees
August 23, 1961	ការីខាត់ខែ គឺ ស ក្រុម
CERTIFICATE OF APPROV	AL
BUREAU OF I	Land Management,
Washington	, D. C.,JUN 2 5 1962, 19
The foregoing field notes of the survey of	ор у э€ б о т. Коло т. 19).
$(1.5,20)\mathrm{Mag}$ ()th new cors. for the E. bdv. of T. 19 S.	R. 19 E. retracement of the
N. Fra. of T. 20 S., R. 19 E. and survey of a portion	n of the subdivisional lines :
T. 9 C. R : E. Salt Lake Meridian, Utah	
executed by 1910 of the total Consideration to the way of fine at Voorhees, Cadastral Surveyor	•
having been critically examined and found correct, are hereby app	proved.
	Chief, Division of Engineer

CERTIFICATE OF TRANSCRIPT

a Carrains Cheldre de la Bergaria de Aphril Charol Lederman Carrièra Alexadrosa Unitalia de April 1900. Pro-

R. 19 & 20 E. SLM. Utah , is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF SECTIONS 25 AND 36,
INDEPENDENT RESURVEY OF THE S1 OF THE EAST BOUNDARY OF SECTION 24,
SURVEY OF THE N1 OF E. BDY. SEC. 24 AND E. BDY. SECS. 1, 12 AND 13,
TOWNSHIP 20 SOUTH, RANGE 16 EAST
WITH ESTABLISHMENT OF NEW CORNERS THEREON FOR W. BDY. OF T. 20 S., R. 17 E., (AT 40.00 AND 80.00 CHAIN INTERVALS),
DEPENDENT RESURVEY OF THE WEST BOUNDARY OF SECTION 2
AND SURVEY OF THE EAST AND SOUTH BOUNDARIES OF SECTION 2,
TOWNSHIP 20 SOUTH, RANGE 16 EAST
•
Of the Salt Lake Meridian,
In the State of
EXECUTED BY
A. D. Griffin, Cadastral Surveyor
Under the supervision of George D. Voorhees, Cadastral Surveyor
Under special instructions datedFebruary 11, 19.60, which provided
for the surveys included under Group No. 399, approved February 23, 1960.
and assignment instructions datedApril 14 and July 1 , 19.60
Survey commenced August 4 , 19.60
Survey completed October 11 , 19.60

INDEX DIAGRAM

 Townsh	ip20_	South	, Range	16 Eas	ı t	_
6	5	4	3	9 2	10 1	8
7	8	9	10	11	12	7
18	17	16	18	14	18	6
19	20	21	22	23	24	5
30	29	28	27	26	25	3
31	39	88	34	85	36	2

Chains

The south boundary (Fourth Standard Parallel South) of T. 20 S., R. 16 E. was originally surveyed by A. D. Ferron in 1881. This line was retraced and the east boundary of sections 25 and 36 and the S½ mile of the east boundary of section 24 and the subdivision of all sections except sections 1, 2, 11, 12, 13, N½ of 14 and 24 were surveyed by Lewis and Blossom, Deputy Surveyors, in 1898.

The west four miles of the north boundary were resurveyed and the east two miles surveyed by Robert C. Yundt, Cadastral Engineer, in 1941-42.

The following field notes are of the dependent resurvey of the east boundary of sections 25 and 36, independent resurvey of the S½ mile of the east boundary of section 24, survey of the N½ mile of the east boundary of section 24 and of the east boundary of sections 1, 12 and 13, T. 20 S., R. 16 E., with establishment thereon of new corners for the west boundary of T. 20 S., R. 17 E. at each 40.00 and 80.00 chain interval; dependent resurvey of the west boundary of section 2 and survey of the east and south boundaries of section 2, T. 20 S., R. 16 E.

These limited resurveys and surveys in T. 20 S., R. 16 E. are deemed sufficient in extent to facilitate the development of the natural resources and to mark the boundaries of those sections normally considered State school sections.

Before restoring corners of the older surveys, the lines were retraced and diligent search made for evidence of the original corners. The rules of proportionate measurement were applied to ascertain the position of lost corners after every reasonable possiblity of finding direct evidence of the corner monument ever having existed.

The survey was executed with a W. & L. E. Gurley solar transit No. 541330 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition prior to the beginning of the survey and was maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by a clinometer in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximately as scaled from U. S. G. S. topographic sheets. The details of such traverses or triangulations have been thoroughly checked and verified and in order to simplify the record the diagrams and reductions are omitted from these field notes.

The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey.

The geographic position for the southeast corner of the township is at latitude 39° 01' 51.7" N. and longitude 110° 03' 50.1" W., as adjusted from traverses to U. S. G. S. triangulation stations within the area.

Township 20 South, Range 16 East

```
Chains
                       The magnetic declination was read at a number of stations throughout
                      the township and the average of these readings was found to be 15° 30'
                                        Dependent Resurvey, Portion of East Boundary, T. 20.5., R. 16 E.
                                                                 الفائد بهنئ بملأفت فالبيع المديد ملا الاسترا
                      Reestablishment of the survey executed by Lewis and Blossom in 1898.
                      Beginning at the standard cor. of Tps. 20 S.; Rs. 16 and 17 E., monu-
                       mented with a sandstone, 3x10x22 ins., set, and witnessed as des-
                      cribed in the official record. And the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contract of the contrac
                     At the cor. point

Set an iron post, 30 ins. long, 2% ins. diam,, 24 ins. in the ground,
                      with stone cor. buried alongside iron post, with brass cap mkd.
                                S36 S31
                                                   , a possible size that 1.8 \$ , the constraint of 1.0 6.8 . The constraint of 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
                     N. O' 10' Bra along the E. bdy of sec. 36.00 clive length
                     Over gently rolling desert land; has gently rolling desert land; has gently rolling desert land;
                     Point for the & sec. cor. of sec. 31 T. 20 S., R. 17 R.
                     Set an iron post, 30 ins. long, 25 ins. diam., 24 ins. in the ground,
                     with brass cap mkd.
                                                                            T2QS (177)
                                                                                                                ใ้รั31
                                                                                                            1960
44.00
                     The original & sec. cor. of secs. 31 and 36, monumented with a sand-
                     stone, 8x10x18 ins., set, mkd. and witnessed as described in the of
                      record. This cor, now functions for the & sec. cor. of sec. 36, T.
                     20 S., R. 16 E. only.
                     At the cor. point
                    Set an iron post, 30 ins. long, 21 ins. diam., 24 ins. in the ground,
                     with stone cor. buried alongside iron post, with brase cap mkd.
                                                                                              T20S R17E
                                                                                              R16E
$
                                                                                                         1960
                    North, beginning new measurement,
                    Asc. 50 ft. over gentle S. slope.
                     Top of ascent, bears E. and W.; desc. 30 ft. over N. slope.
10.40
34.60
                    Wash, 5 lks. wide, 1 ft. deep, drains S. 80° W.; thence ase. 10 ft.
                    over gentle S. slope.
```

Point for the cor. of secs. 30 and 31, T. 20 S., R. 17 E.

C. S. SERVICENCE PROPERTY APPLEAD. 10-1040-1

36.00

LANCE OF THE CONTRACTOR OF THE CONTRACTOR OF THE PROPERTY OF THE CONTRACTOR OF THE C

Chains

40.07

17.60

28.20

35.80

36,90

Set an iron post, 30 ims. long, 2½ ins. diam., 24 ins. in the ground. with brass cap mkd.

> T208 RIGE RITE

The original cor. of secs. 25, 30, 31 and 36, monumented with a sandstone, 6x8x20 ins., set, mkd. and witnessed as described in the official record. This cor. now functions for the cor. of secs. 25 and 36, T. 20 S., R. 16 E. only.

At the cor. point

Set an iron post, 30 ins. long, 24 ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

· T206 **R16E R17E** S25 S36 1960

Stone cor. buried alongside iron post.

Land, gently rolling. Soil, clay. Timber, none.

N. 0° 03' E., along the E. bdy. of sec. 25.

Over rolling desert land.

Wash, drains S. 80° W.

Wash, drains S. 60° W.

Wash, drains S. 70° W. Point for the & sec. cor. of sec. 30, T. 20 S., R. 17 E. 35.93

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground,

with brass cap mkd. **T20S R16E R17E**

\$ 30

1960

Wash, drains S. 40° W.

The original & sec. cor. of secs. 25 and 30, monumented with a sand-40.18 stone, 6x8x20 ins.; set, mkd. and witnessed as determed in the official record. This cor. now functions for the & sec. cor. of sec. 25, T. 20 S., R. 16 E. only.

At the cor. point

Set an iron post, 30 ins. logn; 24 ins. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Dependent Resurvey, E. Bdy . of Secs. 25 and 36, T. 20 Sec R. 16 E.

Chains

350

Stone cor. buried alongside iron post.

N. 0° 12' W., beginning new measurement.

Asc. 340 ft. over broken SW. slope.

30.00 | Spur, projects NW.; thence desc. 100 ft. over N. slope.

35.75 Point for the cor. of secs. 19 and 30, T. 20 S., R. 17 E.

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

70.C#

T20S R17E | <u>S19</u> | S30 | 1960

40.04 The original cor. of secs. 19, 30, 24 and 25, monumented with a sandstone, set, mkd. and witnessed as described in the official record. This cor. now functions for the cor. of secs. 24 and 25, T. 20 S.,

At the cor. point

R. 16 E. only.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T20S R16E <u>\$24</u> \$25

Stone cor. buried alongside iron post.

Land, gently rolling S. ½ mile, broken N.½ mile. Soil, sandy, rocky.
Timber, none.

Independent Resurvey, St Mile E. Bdy. of Sec. 24, T. 20 S., R. 16 E.

Programme and a con-

Superseding the survey executed by liewis and Blossom in 1898.

From the cor. of secs. 24 and 25, described above.

New 05 Was along the Ranbay of osec. 24.

. A., 2-6 f. Lover Proken M. glope.

Over broken land; thence by triangulation desc. about 240 ft. over NW: slope.

Sport Dieler Mit, inches dere. 100 fr. over d. slope.

lount for tak est. 3. self. 1) and 31, 1. 20 3., 2. 17 8.

A. S. office and fourther order : 10 - 4000

Independent Resurvey, St Mile R. Bdy. of Sec. 24, T. 20 S., R. 16 E.

Chains

- 14.00 Approx. dist. to bottom of wash, drains NW.; thence asc. about 340 ft. over SW. slope.
- 22.20 The original witness & sec. cor. of secs. 19 and 24, set, mkd. and witnessed as described in the official record. We destroy this cor.

Asc. abruptly over ledge 80 ft. high, bears NW. and SE.

- 33.80 Point of mesa, bears NW. and SE.; desc. about 150 ft. over N. slope.
- 35.71 Point for the & sec. cor. of sec. 19, T. 20 S., R. 17 E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T20S R17E \$ \$19 1960

40.00 Point for the & sec. cor. of sec. 24; end of triangulation.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

T20S R16E & S24 1960

Survey of a Portion of the East Boundary of T. 20 S., R. 16 E.

From the & sec. cor. of sec. 24, described above.

N. 0° 05' W., along the My of the B. bdy. of sec. 24.

och Louis erstingt**er** Selfer bis och open propiet filter, and d Chains 200830 Desc. 100 ft. over gentle N. slope. Point for the cor. of secs. 18 and 19, T. 20(S., R. 17'R. 35.71 Set an iron post, 30 ins. long, 2½ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to cop, with cap mkd. cap mkd. is a constant that ϕ_{1268} but here there is some R17E S18 S19 edand (February 20 1 15 5) off. 35 A of the first was also case a art too with Intelligence S. rim of canyon, bears NE. and SW.; desc. 60 ft. over NW. slope. Point for the cor: of secs w 13 and 24: 3000 Harm is be? 40.60 C. S. C. Mark T. F. B. C. Cancella Jo Bridge & C. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. **T20S** ∜. €1 R16E S13 S24 1960 *17 % AC .100 .12 Land, mountainous, broken. Soil, sandy, rocky. Timber, none Sz; scattered pinon and juniper Nz! N. 0° 05' W., along the E. bdy. of sec. 13. Over broken land, by triangulation, desc. about 400 ft. over broken N. slope. Approx. dist. to bottom of canyon, drains NW.; thence asc. about 450 ft. over broken, ledgy SW. slope. The decrease with the control of the prooful of 35.71 Point for the & sec. cor. of sec. 18, T. 20 S., R. 17 E. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. **T20S** R17E ್ತು ರಾಜ್ ಕ್ಷಮಿಂದ ಕ್ರಮಿಸಿಕ ಮಾಡಿಯಿತ ಮಾಡಿಯಿತ

Asc. abruptly over ledges.

|S18 1960

. 1	3. Survey of a Portion of the East Boundary, T. 20 S., R. 16 E.
Chains	
40.00	Point for the & sec. cor. of sec. 13 falls on inaccessible ledges and is not monumented.
47.30	Point selected for the witness & sec. cor. of sec. 13; end of triangulation.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
Ì	T20s
-	R16E
	Reference to the second
	\$13\\\ \tag{\cong}\$ \tag{\cong}
48.00	Spur; projects W. about 10.00 chs.; thence by triangulation desc. about 400 ft. over broken N. slope.
65.00	Approx. dist. to bottom of canyon, drains W.; thence asc. about 180 ft. over S. slope.
75.71	Point for the cor. of secs. 7 and 18, T. 20 S., R. 17 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.
	T20S
	15 7
	S 7 S18 S 2 S 3
list of e	1960
1	Point selected for the witness cor. of secs. 12 and 13.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	R16E ∴.W.C
	<u>S12</u> ↑
	S13 1960
	1900
80.00	Point for the cor. of secs. 12 and 13 falls on vertical ledge where cor. cannot be monumented.
	Land, mountainous.
G	Soil, sandy, rocky. The same of the same o
	N. 0° 05' W., along the E. bdy. of sec. 12.
	Over mountainous land, through scattered pinon and juniper.
	By triangulation, asc. about 30 ft. over gentle S. slope.
2	Approx. dist. to small spur, projects S. 80° E.; thence desc. about 50 ft. over NW. slope.
	Approx. dist. to small draw, drains S. 80° E.; asc. about 60 ft. over N. slope.
3 18.,00 32	Approx. dist. to where slope changes to SE.; asc. about 100 ft.

8. 4. COVERNMENT № MINIME OFFICE 16-28580-2

End of triangulation.

```
Chains
31.50
        Small spur, projects E.; desc. 30 Et. over N. slope. antoni
                                                                     00.CA
        Point for the & sec. cor. of sec. 7, T. 20 S., R. 17 E.
35.71
        Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground,
        in a collar of stone to top, with brass cap mkd.
                           R17E
                                        k
                                        S7
                                       1960
40.00
        Point for the k sec. cor. of sec. 12.
        Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground,
        in a mound of stone, 3½ ft. have to top, with brass cap mkd.
                                       T20S . . . . . . . . . . . . .
                                       R16E
                                       S12
                                         1960
47.00
        Wash, 10 lks. wide, 2 ft, deep, drains E. 1.00 ch.; thence SE.; asc.
        100 ft. over S. slope.
61.50
        Spur, projects E.; desc. 20 ft. over N. slope.
72.00
       Draw, drains SE.; asc. 40 ft. over S. slope.
        Point for the cor. of secs. 6 and 7 falls in unsafe position on large
75.71
       boulder.
                                          . 5. . . .
                                                    Palital to
                                                                    v(.,.)
        Point selected for the witness cor. of secs. 6 and 7, T. 20 S., R.
76.18
       17 E,
        Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground,
       in a mound of stone, 4 ft. base to top, with brass cap mkd.
                                       T20S
                                       R17E
                                       <u>56</u>
                                       Į<u>s7</u>
                                      W'C
                                      1960
80.00
       Point for the cor. of secs. 1 and 12.
       Set an iron post, 30 ins. long, 22 ins. diem., 14 ins. in the ground,
       in a mound of stone, 4 ft. base to top, with brass cap mkd.
                                       T20S
                                       R16E
                                        <u>S1</u>
                                     . S.1.2
                                        1960
       Land, mountainous.
       Soil, sandy, rocky.
       Timber, scattered pinon and juniper.
```

about 220 ft. over SE. slope.

Over mountainous land, through scattered timber; by triangulation asc

N. 0° 05' W., along the E. bdy. of sec. 1.

20.00 Approx. dist. to spur, projects SE.

•	Survey of a Portion of the East Boundary, T. 20 S., R. 16 E.
Chains	
35.71	Point for the & sec. cor. of sec. 6, T. 20 S., R. 17 E.
	Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	T20S R17E え S 6 1960
	Asc. abruptly 20 ft.
36.79	End of triangulation on rim of mesa, bears NE. and SW.; thence asc. 40 ft. over SE. slope; enter medium dense timber.
40.00	Point for the ½ sec. cor. of sec. 1.
	Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, in a collar of stone to top, with brass cap mkd.
	T20S R16E 1/2 S 1
	1960
41.60	Top of ascent, bears NW. and SE.; desc. 400 ft. over NE. slope.
81.16	The cor. of Tps. 19 and 20 S., Rs. 16 and 17 E., monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record.
	Land, mountainous. Soil, sandy, rocky. Timber, medium growth of pinon and juniper N½; scattered pinon and juniper S½.
	Dependent Resurvey of the West Boundary of Sec. 2
	Reestablishment of the survey executed by Lewis and Blossom in 1898.
	From the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., monumented with a 1 in. iron post, set, mkd. and witnessed as described in the official record.
,	S. 0° 02' E., bet. secs. 2 and 3.
	Over mountainous land.
	Asc. 600 ft. over abrupt N. slope.
5.50	N. rim of mesa, bears E. and W.
19.90	Top of ascent, bears E. and W.; thence desc. 140 ft. over S. slope.
33.70	S. rim of mesa, bears E. and W.; thence by triangulation; desc. about 200 ft. over broken S. slope.
39.34	Point for the & sec. cor. of sec. 2 only falls in inaccessible place.
39.67	Point for the 1/2 sec. cor. of sec. 3 only, at proportionate dist., falls in inaccessible place among broken cliffs.
53.04	The original witness & sec. cor. of secs. 2 and 3, monumented with a sandstone, set, mkd. and witnessed as described in the official record.

4-67810

. Dependent Resurvey of W. Bdy. of Sec. 220

Chains

This point functions as the witness cor. for the \(\frac{1}{2} \) sec. cor. of sec. 2 and the \(\frac{1}{2} \), sec. cor. of sec. 3. End of triangulation.

At the cor. point.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T20S R16E

W C
S 3 S 2
1960

Stone cor. buried alongside iron post.

S. 0° 05' E., beginning new measurement.

Desc. 140 ft. over S. slope.

12.10 Wash, drains W.; thence asc. 170 ft. over N. slope.

The cor. of secs. 2, 3, 10 and 11, monumented with a sandstone, set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

T20S R16E S 3 S 2 S10 S11 1960

With the old cornerstone buried alongside the iron post.

Land, mountainous.
Soil, sandy clay, rocky.

Timber, none.

Survey of South and East Boundaries, Sec. 2

From the cor. of secs. 1, 2, 35 and 36 on the N. bdy. of the Tp., monumented with a 2 in. iron post, set, mkd. and witnessed as described in the official record.

South, bet. secs. 1 and 2.

Over mountainous land, through scattered pinon and juniper.

Asc. 160 ft. along E. slope.

16.10 Slope changes to steep and broken N. slope; asc. 230 ft.

25.30 Asc. 100 ft. over gentle N. slope.

36.10 | Slope changes to NW. slope; asc. 40 ft.

39.53 Point for the k sec. cor, of secs. 1 and 2.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

......

Chains

41.80

by triangulation.

slope.

cap mkd.

4.60

16.30

27.00

27.10

8 2

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.n. b - \$2 St . . . speed to . 100 (25) 50.(5)) 1960 . 10. 305

فيفتحطن البيهام المفتعيديفات عال Spur, projects NE.; thence desc. about 360 ft. over steep S. slope, ୍କାର୍ଯ୍ୟ ନାର୍ଥ ହେଇଥିବା ନିର୍ମ୍ପର ଅଧିକ ନ୍ଧି । ଏହା

51.00 Approx. dist. to top of ledge, 15 ft. high, hears E. and W.

. A classic terms of the South and Bask Boundaries of Grandettic 2

62.10 Approx. dist. to draw; drains irregularly W.; thence asc, about 220 ft.

over NW. slope. ാനും മാവായ രാഷാ രാഗം 1,000 0

68.10 Spur, projects W.; thence desc. about 150 ft. over SW. slope.

79.53 Point for the ear. of secs. 1, 2, 11 and 12.

Set an iron post, 30 ins. long, 21 ins. diam., 8 ins. in the ground,

in a mound of stone, 4 ft. base to top, with brass cap mkd.

T20S R16E

S 2 8 1 S11 812 1960

Land, mountainous. Soil, sandy, rocky. Timber, scattered pinon and juniper.

West, bet. secs. 2 and 11. Over broken land, through scattered timber; desc. about 80 ft. over SW

Draw, drains NW.; asc. about 40 ft. over E. slope.

8.10 Spur, projects N.; desc. about 70 ft. over W. slope.

10.00 Draw, drains N. about 5.00 chs., thence NW.; asc. about 130 ft. over E. slope.

> Spur, projects N.; desc. about 60 ft. over W. slope. Point selected for the witness & sec. cor. of secs. 2 and 11.

Set an iron post, 30 ins. long, 21 ins. diam., over a cross (X) cut in solid sandstone, in a mound of stone, 4 ft. base to top, with brass

W₁ S 2 C \$11

T19S R18E

1960

Top of ledge, 40 ft. high, bears NW. and SE., thence by triangulation;

desc. about 260 ft. over abrupt SW. slope. 40.20 Point for the k sec. cor. of secs. 2 and 11 falls on inaccessible and broken ledges and is not monumented.

44.40 Approx. dist. to draw, drains NW.; desc. about 100 ft. along broken N. slope. 61.40 Approx. dist. to wash, drains N.

Chains	Survey to fathe Seath and Santa Annadaries 20 20 17. 20	3. R
		Chains
70.40	Approx. dist. to wash, dreins NW.	
80.40	The cor. of secs. 2, 3, 10 and 11.	
	Land, mountainous, broken.	
લ્લાક	Soils rocky at the cooks as a contract the wind and the	03.46
	Timber, scattered pinon and juniper nearbaloguakte (d	j
	Approx. dist. to top - todge, - to to osa a training	- UO.15
1 6	Can be about 1. A grande constituent Description at the agrant	
• 49	The east boundary and section 2 of T. 20 S., R. 16 E. is mountainous land located in the Book Gliffs northeast of GUtah. The area varies in elevation from 3,500 to 6,000 feelevel.	reen River et above se
	Point Pot ust ser. of. seas. 1, 2, Il and 11.	C &
C. (4)	The area is drained in a westerly direction by Tusher Creek side canyons draining into Tusher Creek. There was no war along the east boundary of section 2.	k and small er noted
	A jeep trail follows Tusher Creek east through sections 13	, 14 and
	Timber consists of scattered pinon and juniper in the north of the township and no timber along the south 2 miles of	neast porti the east
	boundary.	
	Soil in the area is clay in the south and rocky, sandy in	the north
		inc north.
		4 1
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4-400 (Pub. 1989)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAME8	CAPACITY
A. B. Griffin	Crew Chief
lex J. Edwards	Transitman
Douglas G. Haycock	Chainman
Cary T. Oviatt	Chairman
Devid Hickmen	Plagman
Dele F. Keller	Cornerman
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and the state of t	Note that the content of the content

CERTIFICATE OF CADASTRAL ENGINEER

	, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the	e
I have supervised the dependent re	survey of the R. Bdy. of Secs. 25 and 36.
independent resurvey of the St of the E.	Bdy. of Sec. 24, survey of the N% of the
E. Bdy. of sec. 24 and the E. Bdy. of sec	s. 1, 12 and 13, T. 20 S., R. 16 E., with
dependent resurvey of the W. Bdy. of sec.	the W. Bdy. of T. 20 S., R. 17 E., the 2 and survey of the E. and S. boundaries
of the Salt Lake Meridian, in the State of	Utah , which are
represented in the foregoing field notes as having be	en executed hyeme and under my direction; and that
said survey has been made in strict conformity with	a said instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States, ar	d in the specific manner described in the foregoing
field notes.	0.7
August 2, 1961	George D. Voorhees
Salt Lake City, Utah	Cadastral Surveyor
CERTIFICATE	OF APPROVAL
	BUREAU OF LAND MANAGEMENT,
	Washington, D. C., JUN 25 1962 , 19
The feregoing field notes of the surround 1	
The foregoing field notes of the subverse.	for the engineers of the sound for the sound of the sound
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independent resurvey St. E. Bdy. of sec. 2 secs. 1, 12 and 13, T.20S, R. with of T. 20 S., R. 17 E., dependent resurvey and S. Bdy. of sec. 2, T. 20 S., R. 16 E. executed by A. D. Griffin Cadastral	4, survey of Nt of E. Bdy. sec. 24 and E. of W. Bdy. of sec. 2 and survey of E. Salt Lake Meridian, Utah are hereby approved.
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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY, SOUTH BOUNDARY (FOURTH STANDA	RD PARALLEL SOUTH),
DEPENDENT RESURVEY OF THE EAST BOUNDARY O	F SECTION 36,
SURVEY OF NORTH FIVE MILES OF EAST B	OUNDARY,
DEPENDENT RESURVEY OF WEST AND NORTH BOUNDARIE	S, SECS. 35 AND 36,
AND	
SURVEY OF A PORTION OF THE SUBDIVISIO	NAL LINES
OF	
TOWNSHIP 20 SOUTH, RANGE 17 EAST	
Of the Salt Lake	Meridian ,
In the State of Utah	
EXECUTED BY	
Glen B. Hatch, Cadastral Surve	yor
A. D. Griffin, Cadastral Surve	yor
Under the supervision of George D. Voorhees,	Cadastral Surveyor
Under special instructions dated February 11	, 19.60, which provided
for the surveys included under Group No399, a	pproved February 23, 1960.
and assignment instructions dated April 14 and	July 1, 19 60
Survey commenced August 4	, 1960
Survey completed September 7	, 19.60

INDEX DIAGRAM

Townsh	<i>ip</i> 20 Sc	outh	., Range	17 East		_
6	8	4 2	в 22	2 23 24	1	12
7	8	9 20 27	10	11	12	11
18	17 26	16 19 25	15	14	18	11
19	20	21 18	22	28	94	10
30	29 29	28 16	27	26	25 - 14	10
⁸¹ 28	89 28	³⁸ 17	84 15	85 13	86	9
8	7	6	4	3	2	

Surveyed by Glen B. Hatch

Surveyed by A. D. Griffin

Township 20 South, Range 17 East

Chains

On the Fourth Standard Parallel South, along the south boundary of T. 20 S., R. 17 E., the west 1½ miles were originally surveyed by A. D. Ferron in 1881. In 1906 Heist and Woolley resurveyed this portion and extended the line east 1 mile. In 1907 J. T. Breckon completed the line eastward to the standard corner of Tps. 20 S., Rs. 17 and 18 E. In 1907 J. T. Breckon also surveyed the east boundary of section 36 and completed the subdivisional survey of sections 35 and 36.

The south 2½ miles of the east boundary of T. 20 S., R. 16 E. were originally surveyed by Lewis and Blossom in 1898. A. D. Griffin dependently resurveyed the south two miles of this boundary and independently resurveyed the S½ mile of the east boundary of section 24, and surveyed the north 3½ miles of this boundary concurrently with the present work under this same group, the field notes of which appear in the record of T. 20 S., R. 16 E.

The north boundary of T. 20 S., R. 17 E. was also surveyed by A. D. Griffin concurrently with the present work under this same survey group, the record of which appears in the field notes of T. 19 S., R. 17 E.

In the present work in T. 20 S., R, 17 E., A. D. Griffin surveyed the east, south and west boundaries of section 2; Glen B. Hatch dependently resurveyed the south boundary of the township, dependently resurveyed the south mile of the east boundary and surveyed the north five miles of the east boundary. Hatch also dependently resurveyed the west and north boundaries of sections 35 and 36 and surveyed portions of the subdivisional lines to the extent deemed sufficient to facilitate the development of the natural resources and mark the boundaries of those sections normally considered State school sections

Before restoring lost corners the lines of the original survey were retraced and diligent search made for evidence of the original survey. The rules of proportionate measurement were applied to ascertain the position of lost corners only after every reasonable possibility of finding evidence of the original survey had been exhausted.

The survey was executed with two W. & L. E. Gurley solar transits Nos. 580158 and 541330, constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instruments were in good condition prior to the beginning of the survey and were maintained in proper adjustment throughout the progress of this survey.

Corners on east-west lines were set on the true latitudinal curve. Lines connecting previously established corners were run by random and true method, but for simplification of the record the random lines are omitted from the field notes. In accordance with the intent of the special instructions, all subdivisional corners established are calculated to be at the position they would occupy if the entire township were subdivided.

Measurements herein contained were made with narrow steel tapes, 8 chains in length, graduated every link for the first 100 links and thereafter at intervals of 10 links. The tapes were tested by comparison with a one chain standard steel tape and found to be correct. Measurements were made on the slope with the vertical angle of each interval ascertained by clinometers in good adjustment; horizontal equivalents alone are entered in the field notes. All lines of this survey were run by direct method where the lines were accessible; lines inaccessible were run by traverse or triangulation methods. Distances to topography on lines run by traverse or triangulation are approximate. The details of such traverses or triangulations have been thoroughly checked and verified, and in order to simplify the record the diagrams and reductions are omitted from these field notes.

Sand Township 20 South, Range 17 East

Chains

Chains The direction of the lines of this survey were determined by reference to true meridians established on line by hour angle observations on Polaris or altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other numerous altitude observations on the sun taken throughout the progress of the survey. esta de la composición dela composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición de la composición dela composición de la composición de la composición de la com

The geographic position for the southeast corner of the township is at latitude 39° 01' 51.0" N. and longitude 109° 57' 05.2" W., as adjusted from traverses to U.S.G.S. triangulation station "Floy" located in the SE2 of section 35, T. 204 S., R. 18 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 15° 30' E.

^ ____ Dependent Resurvey S.Bdy (Fourth Standard Parallel South) T.20S., R.17 .

Reestablishment of the survey executed by J. F. Breckon in 1907.

Beginning at the standard cor. of Tps. 20 S., Rs. 17 and 18 E., monumented with a sandstone, 4x8x20 ins., set, mkd. and witnessed as described in the official record.

At the corpoint en en en en

Set an iron post, 30 ins. long, 21 ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

> error & Company T20S R17E R18E S36 S32 **S32** T20 2 R18E and the last of the last as attended to

Bury stone cor. alongside iron post.

no filo min

West, along S. bdy. of sec. 36.

Over mountainous land, through medium dense pinon and juniper.

Desc. about 270 ft. over NW. slope.

19.40 Ravine, drains S. 45° W.; asc. about 150 ft. over SE. slope. Till plan Sinth) Same of the same

n fram frijn norm frijnant frij

Divide bet. Coal Canyon and Horse Canyon, bears N. from S. 80° W.; 34.00 desc. about 80 ft. over NW. slope.

39, 94 The standard & sec. cor. of sec. 36, monumented with a sandstone, 4x8x20 ins., set, mkd. and witnessed as described in the official record; and a second substantial action of the contract of the

At the cor. point assemble of the shade were its perfect and a few fields of the control of the

ing in applications of the

Set an iron post, 30 ins. long, 22 ins. diam., 4 ins. on the ground, in a mound of stone, 31 ft. base to top, with brass cap mid. The color of the case of the color of the co

Fig. 2 The Engage Fourth Standard Parallel South, T. 20 S., R. 17 E.

SC T20S R17E ½ S36 T20½S R18E 1960

Bury stone cor. alongside iron post.

N. 89° 51' W., beginning new measurement.

Desc. about 140 ft. over series of small spurs on NW. slope.

27.50 Ravine, drains N. 10° W.; asc. about 180 ft. along N. slope.

40.80 Top of ascent; desc. about 10 ft. over W. slope.
42.73 The standard cor. of secs. 35 and 36, monumented with a sandst

42.73 The standard cor. of secs. 35 and 36, monumented with a sandstone, 6x12x18 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Land, mountainous.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd.

SC T20S R17E

<u>S35 | S36</u> S31 T20½S R18E 1960

Bury stone cor. alongside iron post.

Soil, sandy, shallow. Timber, scattered pinon and juniper.

N. 89° 56' W., along the S. bdy. of sec. 35.

Over rough, mountainous land, through scattered pinon and juniper.

Over rough, mountainous land, through scattered pinon and juniper

Asc. about 120 ft. over E. slope.

7.10 Top of ascent, bears N. and S.; beginning of triangulation, desc. about 800 ft. over ledges 10 ft. to 50 ft. high on steep W. slope.

Approximate dist. to ravine, drains S. 35° W.; asc. about 30 ft. over E. slope.

S. S. OPTERMENT PRINTING SPECK, 36-\$5000

De endent Resurvéy, Fourth Standard Tarallal Sauth Stuth St. R. 17 E. Education (

37.84 End of triangulation.

Chains

4.10

40.15

40.03 The standard & sec. cor. of sec. 35, monumented with a sandstone, 4x6x24 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 21 ins. diam., 8 ins. in the ground, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

SC T20S R17E ₹ S35. T20½S R18E . 1960

Bury stone cor. alongside iron post.

N. 89° 49' W., beginning new measurement.

- Top of ascent, bears S. 30° E. about 2.00 chs.; desc. about 100 ft. over SW. slope.
- 20.35 The closing cor. of Tps. 20½ and 21 S., Rs. 17 and 18 E., monumented with a 3 in. iron post, set, mkd. and witnessed as described in the official record.
- 22.10 Desc. abruptly about 100 ft. over SW. slope.
- Wash, 20 lks. wide, 1 ft. deep in bottom of small canyon, drains 25.60 N. 70° W.; asc. abruptly about 100 ft. over NE. slope.
- 30.80 Top of ascent, bears NW. and SE.; desc. about 140 ft. over SW. slope.

Point for the standard cor. of secs. 34 and 35, at proportionate dist No remaining evidence of the original cor.

Set an iron post, 30 ins. long, 22 ins. diam., 6 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd.

SC T20S R17E 834 835 8 1 T215 1960

Land, mountainous, rough. Soil, sandy, shallow.

Timber, scattered pinon and juniper.

. A. A. Bependent Resurveys Fourth Standard Parallel South; O.T. 2018., R. 17 E.

Chains

40.30

N. 89° 49' W., along the Su bdy. of sec. 34.

Over mountainous land; through scattered pinon and juniper.

Desc. about 30 ft. over MW. slope. www. co. Phys. of the st. of

4.20 Bottom of descent; asc. about 30 ft. over SE. slope.

12.19 Top of ascent, projects S. 80° W.; by triangulation; desc. about 50 ft. over NW. slepe.

13.70 Approx. dist. to top of ledge, 50 ft. high, bears NE. and SW.; desc. abruptly about 210 ft. over broken NW. slope.

22.30 Approx. dist. to wash, drains SW.; asc. about 100 ft. over SE. slope.

25.30 Approx. dist. to point of spur, projects SW.; desc. about 300 ft. over SW. slope.

Point for the standard & sec. cor. of sec. 34, at proportionate dist.; no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3½ ft. base to top of post, with brass cap mkd.

Wash, 15 lks. wide, 1 ft. deep, drains N. 45° W.; asc. abruptly about

an iron post, 2 ins. diam., set, mkd. and witnessed as described in

SC T20S R17E <u>k S34</u> T21S 1960

50 ft. over NE. slope.

40.70 Spur, projects N. about 1.50 chs.; desc. abruptly about 50 ft. over

42.50 Wash, 15 lks. wide, 3 ft. deep, in bottom of canyon, drains NE.; asc.

about 350 ft. over ME. slope.

60.14 The closing cor. of secs. 1 and 2, T. 21 S., R. 17 E., monumented with

Asc. abruptly about 40 ft. over steep, broken NE. slope.

61.90 SW. rim of canyon, bears SE. and NW.; asc. about 60 ft. over gentle NE. slope.

80.30 The standard cor. of secs. 33 and 34, monumented with a sandstone, 6x10x15 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

the official record.

NW. slope.

Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, in a mound of stone, 4.ft. base to top, with brass cap mkd.

SC T20S R17E <u>\$33 | \$34</u> \$ 2 T21\$

1960

Bury stone cor. alongside iron post.

Land, mountainous, Soil, sandy, rocky. Timber, scattered pinen and juniper.

S - B. C. GOYERHUMT PRINTING-OFFICE -- 10-GESOC

.. Dependent Resurvey: Fourth Standard Parallel South, Mr. S. R. 17 L.

Chains

N. 89° 48' W. Salong the Sacbdy sof sec. 33.4 'Complete Sacbdy sof sec. 34.4 'Complete Sacbdy

Over broken land, through scattered pinon and juniper.

7.90 Top of ascent, bears irregularly N. and S.; thence by triangulation; desc. about 560 ft. over ledges on steep, broken W. slope.

20.12 Slope becomes gentle; end of triangulation; desc. about 90 ft. over SW. slope.

36.60 Wash, 1.00 ch. wide, 2½ ft. deep, drains S. 30° E. over rocky, roll-ing land.

40.37 The standard ½ sec. cor. of sec. 33, monumented with a sandstone,

The standard & sec. cor. of sec. 33, monumented with a sandstone, 4x20x30 ins., set, mkd, and witnessed as described in the official record.

At the cor. point.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the groun in a mound of stone, 3 ft. base to top, with brass cap mkd.

SC
T20S R17E

½ S33

T21S 1960

Bury stone cor. alongside iron post.

N. 89° 55' W., beginning new measurement.

Desc. about 20 ft. over rocky, rolling land.

The closing cor. of secs. 2 and 3, T. 21 S., R. 17 B., monumented wit a sandstone, 6x6x24 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 2½ (ins. diam., 24 ins. in the ground, with stone cor. buried alongside iron post, with brass cap mkd.

T21S 1960

The standard cor. of secs. 32 and 33, monumented with a sandstone, 4x8x24 ins., set, mkd. and witnessed as described in the official record.

Wash, 10 lks. wide, 1 ft. deep, drains S.

At the cor. point

28.30

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with stone cor. buried alongside iron post, with brass cap mkd.

T205 R17E

S32 | S33 | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color | Color |

. N. M. . . . Dependent Resurvey, Fourth Standard Parallel South, T. 20 S., R. 17 E.

Land, broken, E. 20.00 chs.; rolling W. 60.00 chs. Soil, sandy, recky E. 20.00 chs.; clay, rocky W. 60.00 chs. Timber, scattered pinon and juniper E. 20.00 chs.; none W. 60.00 chs.

N. 89° 55' W., along the S. bdy. of sec. 32.

Over rocky, rolling desert land.

Desc. about 160 ft. to k sec. cor.

37.20 Wash, 5 lks. wide, 1 ft. deep, drains S. 10° W.

40.04 The standard & sec. cor. of sec. 32, monumented with a sandstone, 6x12 x 18 ins., set, mkd. and witnessed as described in the official record

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with stone cor. buried alongside iron post, with brass cap mkd.

> SC T20S R17E k 832 T21S .1960

N. 89° 54' W., beginning new measurement.

- 2.80 Wash, 30 lks. wide, 1 ft. deep, drains S. 20° E.; desc. about 40 ft. to cor. of secs. 31 and 32.
- The closing cor. of secs. 3 and 4, T. 21 S., R. 17 E., monumented with 19.85 wooden stake, 4x4 ins., 2 ft. above ground, set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with wooden stake buried alongside iron post, with brass cap mkd.

> T20S R17E **S32** .84 S3 CC T21S 1960

The standard cor. of secs. 31 and 32, monumented with a sandstone, 40.16 5x7x14 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Bet an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with stone cor. buried alongside iron post, with brass cap mkd.

> SC T20S R17E S31 S32

> > S 4 T21S

1960

Soil, sandy clay. Timber, none.

Land, rocky, rolling.

Chains

31.50

40.13

1.14

Dependent Resurvey, Equith Standard Parallel South, 2008., R. 17 E. STATE OF BUT OF BUT OF STATE OF STATE ...N. 89°058! W., calong sthe Salbdy C. of sec. 3b. Character St. . East Cl. . . . M. a. الترابعة فالأراث والمحاشي Charles and Inches All Over rolling desert land. The k sec. cor. of sec. 4, T. 21 S., R. 17 E., monumented with a sand 20.52 stone, 4x7x14 ins., set, mkd. and witnessed as described in the official record. . d . a b | c . pd . | sab | a fs . At the cor. point or tal subselect like to percent debit Set an iron post, 30 ins. long, 21 ins. diam., 24 ins. in the ground, with stone cor. buried alongside iron post, with brass cap mkd. Para Cara Cara T20S R17E <u>.</u>. ~ i in the restaurance of the control of T21S 1960 Wash, 30 lks. wide, 1 ft. deep, drains S. recipies. Mad Decree . So the first The standard & sec. cor. of sec. 31, monumented with a sandstone, 4x8 x18 ins., set, mkd. and witnessed as described in the official record At the cor. point Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with stone cor. buried alongside iron post, with brass cap mkd. SC T20S R17E S<u>31</u> . T21S 1960 en en en e<u>n deur de de production de la company de la com</u> N. 89° 43' W., beginning new measurement. Alle No. Follow & Road, unimproved, bears S. 30° E. and N. 30° W. 12.34 Road, unimproved, hears S. 40° W. and N. 40° E. a transformation of the process of the contract of the contrac Point for the closing cor. of secs. 4 and 5, T. 21 S., R. 17 E., at proportionate dist.; no remaining evidence of the original cor. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

19.78

T20S R17E 831

State of the state of Company to.

T21S 1960 40.14 The standard Tp. cor. of Tps. 20 Sc., Rs. 16 and d.7 E., monumented wit

a 2½ in iron post, set, mid and witnessed as described in the field notes of the E. bdy. of T. 20 S., R. 16 E. Land, rolling.

Soil, sandy clay. Timber, none.

إناه والمنافي المعافلة المتراوية Telurisma Resurve, , Portion of East Roundanie Thomas 11,02, 17 B. . eno trodomiti

C C. S. GOVERNMENT PRINTING DEPART OF 16-086

Chains

Reestablishment of the survey executed by J. T. Brecken in 1907.

From the standard cor. of Tps. 20 S., Rs. 17 and 18 E., previously described.

N. 0° 03' W., along the E. bdy. of sec. 36.

Over mountainous land, through medium growth of pinon and juniper.

- 4.50 Desc. 100 ft. over NE, slope.
- 16.50 Bottom of descent, drains E,; thence asc. 50 ft. over gentle SE, slope
- 40.07 The original k sec. cor. of secs. 31 and 36, monumented with a sandstone, 4x6x13 ins., set, mkd. and witnessed as described in the official record. This cor. now functions for the k sec. cor. of secs. 32 and 36.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T20S R17E R18E \$ \$36|\$32 1960

Bury stone cor. alongside iron post.

N. 0° 03' W., beginning new measurement.

Asc. 10 ft. over gentle SE. slope.

- 13.10 | Top of ascent, projects E.; desc. 40 ft. over NE. slope.
- 35.50 Ravine, drains S. 15° E.; asc. 30 ft. along E. slope.
- 40.00 Same ravine, drains S. 10° W.
- The original cor. of secs. 25, 30, 31 and 36, monumented with a sandstone, 4x8x16 ins., set, mkd. and witnessed as described in the official record. This cor. will now serve for secs. 25 and 36 only.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap marked

T20S R17E R18E S25 S29 1960

Land, mountainous.
Soil, sandy loam, rocky.
Timber, medium growth of pinon and juniper.

Survey of Portion of the East Boundary of T. 20 S., R. 17 E.

From the cor. of secs. 25 & 36 previously described.

of Portion of East

Chains

Over mountainous land, through dense pinon and juniper.

Asc. abruptly 90 ft. over S. slope.

- Top of ledge, 50 ft. high, bears E. and W.; asc. 50 ft. over gentle 2.50 8. slope.
- Top of ascent, bears E. and W.; desc. 40 ft. over gentle N. slope. 12.50
- Ravine, drains N. 80° E.; asc. 60 ft. over SE. slope. 18.10
- 37.30 Asc. abruptly over sandstone ledge.
- 37.90 Top of ledge, 60 ft. high, bears N. 75° E. and S. 75° W.; cont. over top of spur.
- 40.00 Point for the k sec. cor. of secs. 25 and 29. Set an iron post, 30 ins. long, 21 ins. diam., 4 ins. in the ground, in a mound of stone, 32 ft. base to top, with brass cap marked

T20S R17E R18E S25 | S29 1960

48.30 Desc. 380 ft. over NE. slope.

64.00 Ravine, drains N. 5° E.; desc. along E. slope:

80.00 Point for the cor. of secs. 20, 24, 25 and 29.

> Set an iron post, 30 ins. long, 21 ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap marked

> > T205 R17E R18E 825 329 1960

Land, mountainous. Soil, sandy, rocky. Timber, dense pinon and juniper.

North, along the E. bdy. of sec. 24.

Over mountainous land, through medium growth of pinon and juniper.

Desc. 110 ft. over NE. slope.

7.70 Ravine, drains N. 10° W.; asc. 80 ft. over 5W. alope.

12.30 Top of ascent, projects W.; desc. 620 ft. over NW. slope.

40.00 Point for the & sec. cor. of secs. 20 and 24.

> Set an iron post, 30 ins. long, 25 ins. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap marked

the place of Postion of Best to the great to 20-8. pt. 17 ft.

Canada 5 Jan 6 3 3 4 TROS 217E 218E 524 520 1960

Theore by triangulation.

46.00 Approx. dist. to bottom of canyon 150 ft. below & cor., drains W., asc. about 850 ft. over steep 5. slope.

End of triangulation on top of spur, projects N. 75' W. about 3.00 chs.; desc. 20 ft. over ME. slope. 77.06

Point for the cor. of secs. 13 and 24. 80.00

Land, mountainous, steep.

40.00

80.00

Set an iron post, 30 ins. long, 2k ins. dism., 4 ins. in the ground in a mound of stone, 4% ft. base to top, with brass cap marked

T20S R17E R18E S13 S20 1960

Soil, sandy clay, rocky. Timber, medium growth of pinon and juniper.

North, along the E. bdy. of sec. 13.

Over broken, mountainous land, through medium growth of pinon and juniper.

Desc. about 1,000 ft. over sandstone outcroppings and broken ledges on N. slope, by triangulation.

Point for the & sec. cor. of secs. 13 and 17.

Set an iron post, 30 ins. long, 24 ins. diam., 2 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap marked

T206 RITE RISE \$13 517 1960

Approx. dist. to right fork of Tusher Creek, drains W.; asc. about 50.00 750 ft. over steep and broken S. slope.

Point for the cor.of secs.8,12,13 & 17 talls on sloping ledge where cor, cannot be established.

Land, mountainous, broken and steep. Soil, sandy clay and rocky. Timber, juniper and pinon.

North, along the S. bdy. of sec. 12.

Over mountainous land, through juniper and pines.

4-078 b

Surveyadf: Portion of East Boundary to Tind So Wester E. Chains End of triangulation on top of ledge 80 ft. high, bears irregularly 2.45 E. and W. CL73 PL 20 3.20 Point selected for witness cor. of secs. 2, 12, 13 and 17, Set an iron post, 30 ins. long, 21 ins. diam., on solid sandstone, in a mound of stone, 4 ft. base to despitathibrane saponerhed the will Applax. dist. to blatten of calls to 10 %. blat 06.56 . : , out . : goest **T295**c . d . (Pu8 daods . ses **R17E R18E** sales e.g., and to ge \$12 Sectional graduate to be a section 14 de la 61 . apa 1960 . Co apo nor rede 1 40.05 Asc. about 250 ft. over sandstone outcroppings on S. slope, by triang Tation. I communicate to the sound of the communication of the sound o End of triangulation; top of ascent, bears E. and W.; cont. over top 20.92 through scattered timber. 31.10 Desc. 40 ft. over gentle NE. slope. 40.00 Point for the & sec. cor. of secs. 8 and 12. Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap marked 1 Just Commission of the con-R17E R18E \$ S12 | S 8 Desc. 120 ftm over NE. slope. 12 200 ftm Car, second move 65.00 Ravine, drains N. 30° E.; asc. 10 ft. over SE. slope. Top of ascent, projects NE.; desc. 140 ft. over NW. slope. 66.30 78.90 Point selected for the witness coro of secs. 1, 5, B and 12 Set an iron post, 30 ins. long, 25 ins., diam., on selid sandstone, in a mound of stone, 42 ft. base to top, with brass cap mkd. **T20S** R17E R18E (C...) $\mathbb{C} = (\widehat{\mathbb{Z}}_{+})^{2} = \mathbb{C} (\widehat{\mathbb{X}}_{+}, \mathcal{Y})$ WC S1 S5 S12 S 8 Top of ledge 50 ft. high, bears irregularly E. and Wo. qual 79,00 Point for the cor. of secs. 1, 5, 8 and 12, falls in inaccessible 80.00 ravine cas to take the self (\$1) he was a do ver and the factor col. chamble by somblished. Land, mountainous. Soil, sandy, shallow. estable section to the comment and ad-Timber, scattered pinon and juniper. bes also these, that North, along the E. bdy. of sec. 1. North, along the B. ode. of sec.

C COLES. COVERNMENT PRINTING OFFICE OF \$20-26500-2

Over mountainous land, chrough juriper and phases.

Over mountainous land, through pinon and juniper.

646000

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Survey of Portion of East Boundary, T. 20 S., R. 17 E.
Chains
 1.00
      Bottom of ravine, 3.00 chs. wide, 40 ft. deep, drains W.; asc. 50 ft.
       over S. slope.
                        لارتبال فالمتوافية
 8.60
      Top of ascent, bears S. 80° E. and N. 80° W.; beginning of triangu-
       lation, desc. about 400 ft. over steep N. slope.
                            wit.
30.00
      Approx. dist. to bottom of Tusher Creek Canyon; cont. across bottom.
35.01
      End of triangulation.
36.00
      Tusher Creek, 30 lks. wide, 2 ft. deep, drains W.; asc. about 50 ft.
      over steep and broken S. slope by triangulation.
40.00
      Point for the & sec.cor.of secs.1 & 5,50 ft.above Tusher Creek.
      Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, in
       a mound of stone, 4 ft. base to top, with brass cap marked
                                      T20S
                                     R17E R18E
                                        Ł
                                       S1 | S5
                                        1960
       Asc. about 1,000 ft. over steep S. slope.
72.63
      End of triangulation.
75.90 Top of ascent, bears E. and W.; desc. 200 ft. over N. slope.
      Point for the cor. of Tps. 19 and 20 S., Rs. 17 and 18 E., at a point
85.87
      484.45 chs. E. of the cor. of Tps. 19 and 20 S., Rs. 16 and 17 E.
      Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground,
      in a mound of stone, 4 ft. base to top, with brass cap mkd.
                                       T19S
                                     R17E R18E
                                      S36 S32
                                       S1 S5
                                       TŻOS
                                        1960
      Land, mountainous, broken.
      Soil, sandy, with sandstone outcroppings.
      Timber, scattered pinons and juniper.
       Dependent Resurvey of Portion of Subdivision of T. 20 S., R. 17 E.
      Reestablishment of the survey executed by J. T. Breckon in 1907.
       From the standard cor. of secs. 35 and 36, on the S. bdy. of the Tp.,
       previously described.
       N. 0° 16' E., bet. secs. 35 and 36.
       Over broken, mountainous land, through scattered pinon and juniper.
      Desc. 950 ft. over NE. slope.
      Head of ravine, drains N. 40° E.
 1.20
                                           c isclas
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· 8.18. QDVERNMENT PRINTING OFFICE. 16-- 28820-2

The $\frac{1}{2}$ sec. cor. of secs. 35 and 36, monumented with a sandstone, $4\times12\times18$ ins., set, mkd. and witnessed as described in the official record.

Ravine, 50 ft. deep, drains N. 80° E.

17.50 Ravine, 30 ft: deep, drains E.

37.40

39.22

Dependent Resurvey of Portion of Subdivision of Tes 20 S. R. 17 E. Chains At the cor. point, and the large CO. So you was not to the Co. in . septile i. a cove Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. 11:00 NOW the day, that it will be T20S R17E e juli a la la come de la marca en la come que que con la S35 S36 1960 and a second 20. & Bury stone cor. alongside iron post. and to person assenting (00.00 the contract of the second of the contract of the contract of D. S. and B. C. L. 680 . 155 rua tel contil 60. s N. 0° 03' W., beginning new measurement. Cont. descent of NE. slope about 80 ft. 1.35 Old coal mine, bears N. 17° 50' W., about 9.00 chs. dist. Old coal mine, bears N. 31° 51' W. about 12.00 chs. dist.; beginning of triangulation. 10.00 Approx. dist. to Goal Canyon; drains W.; asc. about 50 ft. over SW. slope. 16.00 Approx. dist, to spur, projects W. about 4.00 chs; desc. about 100 ft. over N. slope. Approx. dist. to ravine, drains S. 70° W.; asc. about 150 ft. over 27.00 SE. slope. End of triangulation and corsof secs. 25, 26, 35 and 36, monumented 39.95 with a sandstone, 9x10x30 ins., set, mkd. and witnessed as described in the official record. At the cor. point Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone, 3½ ft. base to top, with brass cap mkd. \$26 S25 10 S35 S36 1960 Bury stone cor. alongside iron post. Land, mountainous, broken. Carlo Line from the Soil, sandy loam, rocky. Timber, scattered pinon and juniper. U L. L. L. .. LEL . T From the cor. of secs. 25 and 36, on the E. bdy. of the Tp., pre-N., 89° 50', W., bet. secs, 25, and 366... on one way Over mountainous land, through pinon and juniper wasc. 140 ft. over E. slope. 11.85 Divide between Coal Canyon and Horse Canyon, bears N. and S.; beginning of triangulation; desc. about 100 ft, over SW, slope, the in

Approx. dist. to spur, projects & ; describe out 50 ft. over W. slope.

Approx. dist. to ravine, drains S 10° E ; asc. about 70 ft. over

. 2020

25.35

40.00

E. slope.

56.3-3

Dependent Resurvey of Portion of the Subdivision, T. 20 S., R. 17 E.

Chains

42.00 Approx. dist. to head of rayine, drains S.; asc. about 130 ft. over

NR. slope. Approx. dist. to head of rayine, drains S.; asc. about 130 ft. over

The original k sec. cor. of secs. 25 and 36, which is monumented with a sandstone, 3x10x15 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Set. an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap

.8 .7 .

Bury the stone cor. alongside the iron post.

S. 88° 51' W., beginning new measurement.

Asc. 50 ft. over gradual NE. slope.

- 5.13 Top of ledge, 100 ft. high, bears N. 80° W. and S. 80° E.; beginning of triangulation; desc. about 750 ft. over broken SW. slope.
- 34.90 Approx. dist. to ravine about 30 ft. deep, drains S. 10° W.
- 38.90 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous and broken.
Soil, sandy and rocky loam.

Timber, scattered pinon and juniper.

From the standard cor. of secs. 34 and 35, on the S. bdy. of the Tp., previously described.

J. D. C

N. 0° 05' E., bet. secs. 34 and 35.

Over mountainous desert land, by triangulation.

Desc. about 100 ft. over series of small spurs projecting generally to the NE.

- 19.20 Approx. dist. to canyon, drains S. 50° W.; asc. about 300 ft. over SE. slope.
- 39.21 End of triangulation.
- 39.58 Point for the \$ sec. cor. of secs. 34 and 35, at proportionate dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T20S_R17E

In the service states of the service

Dependent Resurvey of Portion of the Subdivision, Is 20 S., R. 17 E.

Chains

Beginning of triangulation; asc. about 220 ft. over abrupt, broken ledges 30 to 50 ft. high, on a steep S. slope.

- 46.06 Narrow ridge, bears E. and W.; end of one triangulation, beginning of another; desc. about 400 ft. over steep and broken N. slope.
- 66.20 Approx. dist. to bottom of Coal Canyon, 40 lks. wide, 3 ft. deep, drains N. 70° W.; asc. about 150 ft. over SW, slope.
- 74.20 Approx. dist. to spur, projects Wa; desc. about 50 ft. over NW. slope
- 79.16 The cor. of secs. 26, 27, 34 and 35, which is monumented with a sandstone, 6x10x20 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T20S R17E

S27 S26

S34 S35

1960

الأنف المجاهد المحاصلين عال عالم الأعام

Bury the old cornerstone alongside the iron post

Land, mountainous and broken.

Soil, rocky clay.

Timber, none.

From the cor. of secs. 25, 26, 35 and 36.

N. 89° 55' W., bet. secs. 26 and 35.

Over mountainous, broken land, through juniper and pinon; by triangulation, asc. about 180 ft. over E. slope.

- 13.50 Rocky spur, projects S.; desc. about 200 ft. over steep W. slope.
- 25.00 Approx. dist. to bottom of ravine, drains S. 10° W.; asc. about 250 ft. over ledges and large loose boulders on steep, broken E. slope.
- 34.30 End of one triangulation, beginning of another; desc. about 190 ft. over steep, broken ledges on W. slope to 2 sec. cor.
- The original k sec. cor. of secs. 26 and 35, which is monumented with a sandstone, 6x12x16 ins., set, mkd. and witnessed as described in the official record.

At the cor. point

Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.

T20S R17E \$\frac{\$26}{\$35}

1960

echa, žek c.

Bury the stone cor. alongside the iron post.

Dependent Resurvey of Portion of the Subdivision of T. 20 S., R. 17 E. Chains S. 89° 53' W., beginning new measurement. By triangulation; desc. about 50 ft. over W. slope. 2.50 Approx. dist. to ravine, drains S.; asc. about 30 ft. over E. slope. 5.00 Approx. dist. to spur, projects S.; desc. about 50 ft. over W. slope. s 25.00. Approx. dist. to bottom of ravine, drains S. 20° W.; asc. about 50 ft...over SE. slope.... 27.74 End of triangulation; spur projects S. 20° W.; desc. 70 ft. over NW. slope. 32.37 Head of ravine, drains S. 30° W.; asc. 100 ft. along S. slope. 39.67 The cor. of secs. 26, 27, 34 and 35. Land, mountainous and broken. Soil, sandy and rocky loam. Timber, scattered juniper and pinon. Survey of Portion of the Subdivision, T. 20 S., R. 17 E. From the standard cor. of secs. 33 and 34, on the S. bdy. of the Tp., previously described. N. 0° 02' W., bet. secs. 33 and 34. Over mountainous land, through scattered pinon and juniper; by triangu lation; desc. about 40 ft. over gentle N. slope. Approx. dist. to S. rim of canyon, bears irregularly E. and W.; desc. 7.00 about 400 ft. over abrupt N. slope. 20.00 Approx. dist. to bottom of canyon, drains W.; asc. about 300 ft. over abrupt S. slope. The Catholic State of the Catholic Cath End of triangulation on N. rim of canyon, bears irregularly E. and W.; 34.43 desc. about 10 ft. over nearly level mesa top. Point for the & sec. cor. of secs. 33 and 34. 40.00 Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone, in a mound of stone, 4 ft. base to top, with brass cap mkd. T20S R17E S33 S34 1960 Desc. about 120 ft. over gentle N. slope. S. rim of canyon, bears irregularly E. and W.; beginning of triangula-71.90 tion; desc. about 100 ft. over abrupt N. slope. Garage Land Alexander of the Land and Land Approx. dist. to bottom of canyon, drains W.; asc. abruptly about 100 78.00 ft; over broken ledges on steep S. slope. Point for the cor. of secs. 27, 28, 33 and 34, falls on broken ledges 80.00 in impractical place for cor. monument. Land, mountainous.

Soil, shallow sand and rock.

Timber, scattered pinon and juniper.

g. d. GOVERNO

Survey of a Portion of the Subdivision of T. 20 Spi R. 17 E. Chains N. 0° 02' W., bet. secs. 27 and 28 224 year ... 10 80 .00 Cont. triangulation started in oprevious mile: 32.3 32.3 4 End of triangulation on N. rim of canyon, bears E. and W. ..5.06 Point selected for the witness cor. of secs. 27, 28, 33 and 34. 5.10 Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, in a mound of stone, 42 ft. base to top, with brass cap mkd. C. T208 R17E. V. S. J. L. C. Soffer JA. 14. S27 S28 S33 S34 WC والبووان أنار فخواب والمحاكيا الدوااف Asc. about 60 ft. over gently rolling land, through scattered timber. Land becomes mountainous; asc. about 70 ft. over SE. Slope of spur. Spur, projects E.; desc. about 80 ft. over NE. slope. 28.90 33.00 Wash, 10 1ks. wide, 2 ft. deep in bottom of ravine, drains E.; asc. about 20 ft. over S. slope. Spur, projects E.; desc. about 30 ft. over N. slope. 36.80 39.40 Wash, 10 lks. wide, 1 ft. deep, drains E.; asc. about 30 ft. over SE. slope. 40.00 Point for the & sec. cor. of secs. 27 and 28. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. T20S R17E , u . **‡** . S28 S27 1960 Asc. about 200 ft. over SE. slope. 50.**0**0 Top of ledge, 50 ft. high, bears N. 40° E. and S. 40° W. ت د . Spur, projects S. 40° W.; beginning of triangulation; asc. about 430 50.10 80.00 impractical place for cor. monument. A course of the control

Point for the cor. of secs. 21, 22, 27 and 28 falls on broken ledge in

Land, mountainous. Soil, rocky.

3.40

Timber, scattered pinon and juniper.

N. 0° 02' W., bet. secs. 21 and 22. and propagation and ... Continuation of triangulation started in previous mile.

regular no me den et lasim ettergi. End of triangulation and point selected for the witness cdr. of

in a mound of stone, 3 ft. base to top, with brass cap mkd.

v. e. consequent vertifie average of $g \in \frac{1}{2} \mathbb{N}^{2d} \times \frac{1}{2}$

secs. 21, 22, 27 and 28. an italia e iran bid Set an iron post, 30 ins. long, 22 ins. diam., 16 ins. in the ground,

720s R17E

\$28, 027 mg

Survey of a Fortion of the Subdivision of T. 20 S., R. 17 E. Chains Beginning of another triangulation; desc. about 500 ft. over steep and broken SW. slope. 13.87 End of one triangulation, beginning of another. 13.90 Top of ascent, bears N. 80° W. and S. 80° E.; desc. about 750 ft. over steep and broken NE. slope. 39.40 Approx. dist: to bottom of ravine, drains N. 80° E.; asc. about 20 ft. over SE. slope. 40.00 Point for the & sec. cor. of secs. 21 and 22. Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, in a mound of stone to top, with brass cap mkd. T20S R17E S21 | S22 42.15 End of triangulation on small spur, projects E.; beginning of another triangulation; desc. about 100 ft. over NE. slope. Approx. dist. to ravine, drains N. 80° E.; asc. about 200 ft. over 50.00 SE. slope of spur. 72.49 End of triangulation. Spur, projects E. about 4.00 chs.; desc. about 140 ft. over N. slope. 73.90 Point for the cor. of secs. 15, 16, 21 and 22. 80.00 Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 32 ft. base to top, with brass cap mkd. T20S R17E S16 S15 S21 S22 1960 Land, mountainous, broken. Soil, sandy loam, clay, rocky. Timber, none. N. 0° 02' W., bet. secs. 15 and 16. Over broken, mountainous land, through scattered pinon and juniper. Desc. about 10 ft. over NE. slope. Spur, projects E.; desc. about 270 ft. over N. slope. 6.60 15.00

Head of ravine, drains N. 5° E.; desc. about 240 ft. along E. slope.

Point for the & sec. cor. of secs. 15 and 16. 40.00

> Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, 2 ft. base to top, with brass cap mkd.

Survey of a Portion of the Subdivision of T. 20 S., R. 17 E.

Chains T20S R17E ______ S16 S15 1960 43.00 Canyon, 1.00 ch. wide, 2 ft. deep, drains W.; beginning of triangulation; asc. about 260 ft. over S. slope of spur. Approx. dist. to spur, projects W.; desc. about 250 ft. over broken 55.50 N. slope. 65.00 Approx. dist. to ravine, drains S. 80° W.; asc. about 300 ft. over broken S. slope of spur. 73.88 End of triangulation; spur projects W. about 1.00 ch, 74.50 Point selected for the witness cor. of secs. 9, 10, 15 and 16. Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T20S R17E WC S 91510 S16 S15 1960 Thence by triangulation; desc. about 210 ft. over broken, steep N. slope. 80.00 Point for the cor. of secs. 9, 10, 15 and 16 falls on broken ledge in impractical place for cor. monument. Land, mountainous, broken. Soil, rocky loam and clay. Timber, scattered pinon and juniper. N. 0° 02' W., bet. secs. 9 and 10. Over broken land, through scattered pinon and juniper. By triangulation; desc. about 240 ft. over broken N. slope. 10.00 Approx. dist. to bottom of ravine, drains S. 70° W.; asc. about 580 ft. over broken SE. slope. 25.83 End of triangulation on spur, projects S. 45° W.; desc. about 200 ft. over NW. slope. 40.00 Point for the k sec. cor. of secs. 9 and 10. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top, with brass cap mkd. T20\$ R17E Ł S 9 S10 1960. Beginning of triangulation; desc. about 500 ft. over NW. slope.

Tusher Creek, 60 lks. wide, 2 ft. deep, drains S. 10° W. from S. 60°

End of one triangulation, beginning of another; asc. about 300 ft.

G. G. CONSTRUCTION OFFICE 10-GIS

68.70

68.89

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.49 12	Survey of a Partion of the Subdivision of T. 20 S., R. 17 E.
Chains	
72.50	Approx. dist. to base of ledge.
76.00	Approx. dist. to top of ledge, 50 ft. high, bears S. 75° W. and N. 75° E.; asc. about 20 ft. over SW. slope.
	End of triangulation; point selected for the witness cor. of secs. 3, 4, 90 and 40, at hase of ledge 60 ft. high, bears E. and W.
mesh gra	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground, in atmound of stone, 4 ft. base to top, with brass cap mkd.
5 6.3 1 .15.2	T20S R17E
	₩ C %(1
	S 9 S10
	1960
80.00	Point for the cor. of secs. 3, 4, 9 and 10 falls on ledge where cor. cannot be established.
	Land, mountainous, broken.
Carlo State	Soil, sandy loam. Timber, scattered pinon and juniper.
atta	
jadheta¥a. 3:380 € .	
	N. 0° 02' W., bet. secs. 3 and 4.
	Over mountainous land, through scattered pinon and juniper.
	By triangulation; asc. abruptly about 350 ft. over steep and broken SW. slope.
	Top of ledge, 75 ft. high, bears S. 45° E. and N. 45° W.; thence asc. about 100 ft. over gradual SW, slope.
18.00	Approx. dist. to ledge, 20 ft. high, bears N. 45° W. and S. 45° E.
20.84	End of one triangulation on spur projecting W.; beginning of another triangulation; desc. about 250 ft. over N. slope.
30.00	Approx. dist. to ravine, drains N. 80° W.; asc. about 300 ft. over SW. slope.
40.00	Point for the k sec. cor. of secs. 3 and 4.
	Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 4 ft. base to top of post, with brass cap mkd.
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	大 (2) . (1) (2) . (2) (3) かい (4) (53 . 200 (4) (4) (4) (4)
	. ж. н. т. т. ж. т. до бол т. 1960 -ж. н. ж. т. ж.
41.27	End of triangulation () which we will be the many of
41.30	Spur, projects N. 85° W.; desc. 100 ft. over N. slope.
70.00	S. rim of canyon, bears S. 80° W. and N. 80° E.; desc. 80 ft. over NW. slope.
79.50	Bottom of canyon, drains S. 45% W.; asc. 80 ft. over SE. slope.
15 80.00 C	Point for the 1/16 sec. for, of secs. 3 and 4.
ic	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock; in a mound of stone; 2 ft; base to top, with brass cap mkd.

20.00

Survey of a Portion of the Subdivision of Tw2005., R. 17 E.

Chains . May a T208 R17Eur . Jean . Mosega 07. No \$4 83 .delb .acvgoA | 60.6; legolo . V revo .dl **80** areda .com ,.v 1960 They predict the grade of the best 🖟 Intersect the N. bdy. of the Tp. at point for closing cor. of secs. 85.51 3 and 4. Set an iron post, 30 ins. long, 2½ ins. cdiam., 58 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass car T19S R17E S33 S4 S3 CC T205 . . 203 12 AUG 1960 all legacion and disconding from which Committee of the commit The cor. of secs. 33 and 34, T. 19 S., R. 17 E., which is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the S. bdy. of said township, the survey of which was executed concurrently under this same survey group, bears East 3.01 chs. dist. Land, mountainous. Soil, sandy and rocky loam. Timber, scattered pinon and juniper. 8 3 J. (223 ...) At the point for the cor. of secs. 2 and 3 on the N. bdy. of the Tp., which point is 80.00 chs. East of the closing cor. of secs. 3 and 4, described above. 3. 3. 4. ... المرازي المناف المنف المناف المناف المناف المناف المناف المناف المناف المناف المناف المناف المناف المناف ال Set an iron post, 30 ins. long, 22 ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass can mkd. C 23... (Sub33.) S3 S2 1960 inga .t ... Ci. from which to a or each general consistency and a second or follow The true point for cor. of secs. 34 and 35, T. 19 S., R. 17 E., bears East 3.01 chs. dist. The witness cor. of secs. 34 and 35, T. 19 S., R. 17 E., which is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the S. bdy. of said township, the survey of which was executed concurrently under this same survey group, bears East 2.91 chs. dist. .: (33) S. 0° 01' E., bet. secs. 2 and 3. . w 100 . e bilbe o , **0**) at 2**0** (0.5, 1.4) Over mountainous land, through scattered pinon and juniper. By triangulation; desc. about 300 ft, over broken SW. slope . . . 5.63 Point for the 1/16 sec. cor. of secses 2 and 3 falls among broken cliffs where cor. monument cannot be established.

> Approx. dist, to bottom of canyon, drains irregularly SW.; asc. about 540 ft. ower N. slope. 115

Survey of a Portion of the Subdivision of T. 20 St., R. 17 E.

Chains

End of triangulation.

40.00

Ridge, bears NE. and SW.; desc. about 120 ft. over S. slope.

45.63

Point for the & sec. cor. of secs. 2 and 3.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T20S R17E

. **★** S2 |S3

1960

Beginning of triangulation; desc. about 550 ft. over broken S. slope.

77.40 .

Approx. dist. to bottom of canyon, drains irregularly W.; asc. about 120 ft. over N. slope.

85.63

Point for the cor. of secs. 2, 3, 10 and 11 falls on boulder where cor. cannot be established.

from which

Point selected flor the witness cor. of secs. 2, 3, 10 and 11, bears S. 0. 01 K., 0.11 chs. dist.

Set an iron-post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.

T20S R17E W C S3 S2 S10 S11 1960

Land, mountainous, broken.

Soil, rocky.

Timber, scattered pinon and juniper.

At the point for the cor. of secs. 1 and 2 on the N. bdy. of the Tp., which point is 160.00 chs. East of the closing cor. of secs. 3 and 4, previously described.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. diam., to top, with brass cap mkd.

\$2\\$1 T20S R17E 1960

from which ...

The cor. of secs. 35 and 36, T. 19 S., R. 17 E., which is monumented with an iron post, 2½ ins. diam., set, mkd. and witnessed as described in the field notes of the S. bdy. of said Tp., the survey of which was executed concurrently under this same survey group, bears East 3.01 chs. dist.

S. 0° 01' E., bet. secs. 1 and 2.

Over mountainous land, through scattered timber.

Survey of a Portionsofithe Subdivision of T. 20 Seg. R. 17 E.

	Survey of a Portion of the Subdivision of T. 20 Say R. 17 E.
Chains	g.)
5.75	Point for the 1/16 sec. cor. of secs. Lands 2. 37:3 no bath of . Co.
	Set an iron post, 30 ins. long, 2½ ins. diam., 10 insghim theoground to solid rock, in a mound of stone, 3½ ft. base to top, with brass carmkd.
	T20S.R17E C CAP LAB LOSA 1 1/16 3 L C PÁRCO CA S2 S1 L L L L PÁRCO CA 1960
26.40	Top of ascent, bears E. and W.; desc. 230 ft. over S. slope.
33.18	Beginning of triangulation.
37.11	Point selected for the witness & sec. cor. of secs. 1 and 2.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T20S.R17E
İ	k
	S2↓S1 € ₩. Ċ
	Desc. about 850 ft. over broken ledges on steep S. slope.
45.75	Point for the k sec. cor. of secs. 1 and 2 falls on broken ledges in place impractical to establish cor. monument.
67.80	Approx. dist. to bottom of canyon, drains SW.; asc. about 300 ft. over N. slope.
85.75	Point for the cor. of secs. 1, 2, 11 and 12.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T20S R17E 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
•	Land, mountainous, broken. Soil, sandy, rocky. Timber, scattered pinon and juniper.
	The second secon
	N. 89° 56' W., bet. secs. 2 and 11.
	Over mountainous land, through scattered pinon and juniper.
	By triangulation; desc. about 50 ft. over W. slope.
4.20	Approx. dist. to small draw, drains N.; asc. about 80 ft. over E. slope.
18.20	Approx. dist. to spur, projects N.; desc. about 90 ft. over W. slope.
26.20	Approx. dist. to draw, drains N.; asc. about 60 ft. over E. slope.
30.20	Approx. dist. to spur, projects N.; desc. about 40 ft. over W. slope.
35.00	Approx. dist. to draw, drains N.; asc. about 50 ft. over E. slope.

. Survey of a Portion of the Subdivision of T. 20 S., R. 17 E.

•	. Survey of a Portion of the Subdivision of T. 20 S., R. 17 E.
Chains	
40.00	End of triangulation on spur, projects N.; desc. 90 ft. over NW.slope.
40.10	Point for the & sec. cor. of secs. 2 and 11.
. 1.th	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground to solid rock, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	T20S R17E
	$\frac{1}{4}\frac{82}{611}$
	1960
46.00	Slope changes to W.; desc. about 100 ft.
51.50	Draw, drains N.; asc. about 60 ft. over NE. slope.
63.00	Top of ascent; desc. about 110 ft. over NW. slope.
70.50	Draw, drains NW.; asc. about 110 ft. over E. slope.
74.30	Draw, drains N.
80.20	The true point for the cor. of secs. 2, 3, 10 and 11, which is witnessed S. 0° 01' E., 0.11 chs. dist., previously described.
	Land, mountainous. Soil, sandy, rocky. Timber, scattered pinon and juniper.
,	From the cor. of secs. 15, 16, 21 and 22.
	N. 89° 52' W., bet. secs. 16 and 21, parallel to average bearing of S. bdy. of the Tp.
	Over broken, mountainous land, through scattered pinon and juniper.
	By triangulation; asc. about 150 ft. over NE. slope.
6.00	Approximate dist. to top of ledge, 20 ft. high, bears S. 40° E. and N. 40° W.; asc. about 50 ft. over gradual NE. slope.
20.00	Approximate dist. to spur, projects N. 10° W.; desc. about 50 ft. over SE. slope.
24.07	End of one triangulation on top of ledge 50 ft. high, bears N. and S. by another triangulation desc. about 360 ft. over steep and broken W. slope.
34.00	Approximate dist. to ravine, drains NW.; asc. about 100 ft.over NE. slope.
38.00	End of triangulation on spur, projects N. 15° W.; desc. about 250 ft. over rocky SW. slope.
	Point selected for the witness & sec. cor. of secs. 16 and 21.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, in a mound of stone, 3 ft. base to top, with brass cap mkd.
	T20S R17E

T20S R17E . W S16 C S21 1960

Beginning of triangulation.

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hand the first of the subdivition of Table 68 to 17 h Chains Point for the k sec. cor. of secs. 16 and 21 falls on ledge where it 40.00 is impractical to establish cor. monument. Approximate dist. to ravine, drains N.; asc. about 650 ft. over steep, 50.00 broken E. slope. End of triangulation on narrow ridge, bears N. and S.; desc. 20 ft. 77.19 over W. slope. Top of ledge about 100 ft. high, bears irregularly N. and S. 78.50 Point selected for the witness cor. of secs. 16, 17, 20 and 21. Set an iron post, 30 ins. long, 21 ins. diam., on solid sandatone, in a mound of stone, 31 ft. base to top, with brass cap mkd. T205 R17E W 817 816 20 821 1960 80.00 True point for the cor. of secs. 16, 17, 20 and 21 falls on broken ledge where it is impractical to establish cor. monument. Land, mountainous, broken. Soil, rocky clay. Timber, scattered pinon and juniper. From the true point for the cor. of secs. 16, 17, 20 and 21. N. 0° 03' W., bet. secs. 16 and 17. Over mountainous land; asc. 50 ft. along W. slope. 9.00 Top of ridge, bears N. 5° W. and S. 5° E.; desc. 10 ft. over gentle NE. slope. Ridge, bears N. 5° E. and S.; desc. 110 ft. over NW. slope. 23.00 Ridge, bears N. 15° W. and S. 15° E.; desc. about 160 ft. along E. 32.80 slope. 40.00 Point for the & sec. cor. of secs. 16 and 17. Set an iron post, 30 ins. long, 21 ins. diam., 10 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd. T208 R17E \$17 | \$16 1960 Beginning of triangulation; desc. about 60 ft. along E. slope. 56.50 Approximate dist. to spur, projects N. 80° E.; desc. about 400 ft.

over NW. slope.

Approximate dist. to spur, projects N. 80° E.; desc. about 400 ft.

over NW. slope.

62.00

Survey of a Portion of the Subdivision of T. 20 S., R. 17 E.

		Survey of a Portion of the Subdivision of T. 20 S., R. 17 E.
Ī	Chains	
	_	Approx. dist. to spur, projects E.; desc. about 150 ft. over N. slope; thence asc.
	78.00	Approx. dist. to head of ravine, drains E.; asc. about 30 ft. along E. slope.
-	79.97	End of triangulation.
	80.00	The true point for cor. of secs. 8, 9, 16 and 17 falls on steep, broken ledges facing NE. where cor. monument cannot be established.
1		From the true cor. point
	· Val	Point selected for establishment of witness cor. of secs. 8, 9, 16 and 17 at NE. face of broken cliffs, bears S. 89° 49' E., 0.89 chs. dist.
		Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd.
		T20S R17E
		W <u>S8 S9</u> C S17 S16 1960
	s s	Land, mountainous. Soil, rocky clay, with trace of coal N. 10.00 chs. Timber, none.
		From the true point for the cor. of secs. 9, 10, 15 and 16.
		N. 89° 49' W., bet. secs. 9 and 16.
	-	Over broken land; by triangulation; desc. about 200 ft. over NW. slope.
	6.00	Approx. dist. to ravine, drains S. 30° W.; asc. about 150 ft. over SE. slope.
	20.00	Approx. dist. to spur, projects S. about 8.00 chs.; desc. about 200 ft. over SW. slope.
	35.00	Approx. dist. to road, unimproved, bears irregularly N. and S.
	39.00	Canyon, 20 lks. wide, 4 ft. deep, drains N. 45° W.; asc. about 30 ft. over NE. slope.
	40.00	Point for the & sec. cor. of secs. 9 and 16, at end of triangulation.
		Set an iron post, 30 ins. long, 2½ ins. diam., 4 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base to top, with brass cap mkd.
		T20S R17E
		12 S 9 S 16
		\$ \$16 1960
	41.00	Top of ascent, projects NE.; desc. about 30 ft. over NW. slope.
	45.10	Ravine, drains N. 70° E.; asc. about 30 ft. over NE. slope.
	48.10	Beginning of triangulation; asc. about 200 ft. over rolling clay hills.
	62.00	Approx. dist. to spur, projects N.; desc. about 30 ft. over NW. slope.
	1 -	1

		Survey of a Portion of the Subdivision of T. 20 S. AR. 17 E.
	Chains	
,	65.00	Approx. dist. to ravine, drains N. 50° E; asc. about 150 ft. over NE. slope.
	79.11	The witness cor. of secs. 8, 9, 16 and 17, previously described.
	80.00	True point for the cor. of secs. 8, 9, 16 and 17.
		Land, broken E. & mile, rolling W. & mile. Soil, rocky clay. Timber, none.
•		From the standard cor. of secs. 32 and 33, on the S. bdy. of the Tp. previously described.
		N. 0° 03' W., bet. secs. 32 and 33.
		Over broken land; by triangulation; asc. abruptly about 820 ft. over ledges and talus on broken S. slope.
	21.24	End of triangulation on ledge about 300 ft. high, bears E. and W.; desc. 60 ft. over gentle N. slope, through scattered pinon and junipe
	40.00	Point for the k sec. cor. of secs. 32 and 33.
		Set an iron post, 30 ins. long, 2½ ins. diam., on solid sandstone and in a mound of stone, 4 ft. base to top, with brass cap mkd.
		T20S_R17E
		Desc. about 50 ft. over gentle N. slope.
	51,30	S. rim of canyon, bears N. 75° E. and S. 75° W.; desc. about 140 ft. over NW. slope; by triangulation.
	58.00	Approx. dist. to head of ravine, drains NE.; asc. about 30 ft. along E. slope.
	64.80	Approx. dist. to spur, projects N. 45° E.; desc. about 450 ft. over broken NW. slope.
	80.00	Point for the cor. of secs. 28, 29, 32 and 33.
		Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground, in a mound of stone, $3\frac{1}{2}$ ft. base to top, with brass cap mkd.
	· · · · · · · · · · · · · · · · · · ·	T20S R17E <u>S29 S28</u> S32 S33 1960
		Land, mountainous, broken. Soil, gravelly clay, rocky. Timber, scattered pinon and juniper.
	•	From the standard cor. of secs. 31 and 32, on the S. bdy. of the Tp., previously described.
	. 1-	N. 0° 03' W., bet. secs. 31 and 32.

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Over rolling desert land.

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Survey of a Portion of the Subdivision of T. 20 S., R. 17 E.

Cimins 40.00

Point for the & sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T20S R17E

\$31 | \$32 1960

Raise a flat mound of stone, 3 ft. diam., around the post.

46.60 Road, unimproved, bears S. 40° W. and N. 40° E.

52.20 Wash, 30 lks. wide, 4 ft. deep, drains S. 70° W.

53.00 Wash, 15 lks. wide, 2 ft. deep, drains S. 20° W.

62.40 Wash, 10 lks. wide, 2 ft. deep, drains S. 30° W.

69.50 Wash, 20 lks. wide, 4 ft. deep, drains S. 80° E.

73.70 Wash, 10 lks. wide, 2 ft. deep, drains W.

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, in a mound of stone, 2½ ft. base to top, with brass cap mkd.

T20S R17E <u>\$30 | \$29</u> \$31 | \$32 1960

Land, rolling clay hills. Soil, clay.

Timber, none.

From the cor. of secs. 28, 29, 32 and 33.

N. 89° 54' W., bet. secs. 29 and 32.

Over rolling desert land.

- 4.40 Wash, 30 1ks. wide, 2 ft. deep, drains S. 45° W.
- 11.30 Same wash, 60 lks. wide, 3 ft. deep, drains N. 70° W.
- 20.10 Same wash, 30 lks. wide, 3 ft. deep, drains S. 30° W.; asc. 60 ft. over SE. slope.
- 30.70 Top of ascent; desc. 50 ft. along S. slope.
- 40.07 Point for the k sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock, in a mound of stone, 3 ft. base to top, with brass cap mkd

T20S R17E $\frac{$29}{$32}$

Survey of a Portion of the Subdivision of T. 20 Say R. 17 E.

Chains	Desc. about 20_ft.sover.SWsqslope.cocrs.ft.cocadatase 00.000
52.90	Wash, 15 lks, wide, 1 ft. deep, drains S.; asc. cabout 120 ft. over NE. slope.
59.10	Spur, projects S.; desc. about 40 ft. over W. slope.
78.20	Wash, 10 lks. wide, 2 ft. deep, drains S. 10° W.
80.14	The cor. of secs. 29, 30, 31 and 32.
	Land, rolling. Soil, sandy clay. Timber, none.

General Description

T. 20 S., R. 17 E. is located approximately eight miles northeast of Green River, Utah in the Book Cliffs. The southwest corner of the township is rolling desert land with clay soil and very little vegetation. The remaining portion of the township is broken, mountainous land covered with scattered pinon and juniper and varies in elevation from 3,000 to 6,000 feet above sea level.

There are two jeep trails in the area. One follows Tusher Creek east through about the center of the township and the other is in section 32 and along the south boundary of the township along sections 31 and 33. There is no permanent source of water within the area.

The area is drained in a westerly direction by Tusher Creek and Coal Canyon and their tributaries. Section 36 is drained by Horse Canyon in a southerly direction.

There is an abandoned coal mine in the NE's of section 35 and a trace of coal in the NW of section 16.

Timber consists of scattered pinon and juniper in the west half of the township and becomes more dense in the east portion.

4-680 (Feb., 1960)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Glen B. Hatch	Crew Chief and notekeeper
Wallace Ott	Instrumentman
Gordon Shurtz	Head chainman
Wayne Fisher	Flagman
Parley Pratt	Cornerman
Gary Rutledge	Axeman
A. D. Griffin	Crew Chief
Gary T. Oviatt	Chainman
Douglas G. Haycock	Chainman
Rex J. Edwards	Transitman
David Hickman	Flagman
Dale F. Keller	Cornerman
	1653505-2

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U. S. GOVERNMENT PRINTING OFFICE 16-58565-3

CERTIFICATE OF CADASTRAL ENGINEER

I, George D. Voorhees		, HEREE	Y CERTIFY upo	on honor that, in
pursuance of special instructions bearing date of the			_	,
I have xurrayed supervised the dependent re-				
Standard Parallel South), the dependent resu			•	•
the survey of the north five miles of the ea				
the west and north boundaries of sections 3				
the subdivisional lines of T. 20 S. R. 17 F				
of theSalt_Lake Meridian, in the State of				
represented in the foregoing field notes as having been				
said survey has been made in strict conformity with sa	iid instruct	ions, the	Manual of Ins	tructions for the
Survey of the Public Lands of the United States, and i	in the spec	ific mann	er described i	in the foregoing
field notes.	وسبر		N 1	
<u>Salt Lake City, Utah</u>	Jes	70	Oorhees	carlesa
August 14, 1961	Cada	stral S	urveyor	
CERTIFICATE OF	F APPROV	/AL		
,	BUREAU OF	Land Ma	NAGEMENT,	J.
				52, <i>19</i>
The foregoing field notes of the knrvey of depende				•
Parallel South), dependent resurvey of the E				_
niles of E. bdy., dependent resurvey of W. a				
survey of portion of subdivisional lines of				
executed by <u>Glen B. Hatch and A. D. Griffin</u> , of George D. Voorhees, Cadastral	Surveyor		yors, under	the supervisi
naving been critically examined and found correct, are	hereby app	proved.	a //	7
_			e Jen	matm
		Chief,	Division of	ing theering
CERTIFICATE OF	TRANSCF	RIPT		
I CERTIFY that the foregoing transcript of the field	notes of the	e above-d	escribed surve	ys in T. 20 9.
17 E., SLM, Utah , is a true copy of the orig	rinal field n	otes.		
•	***************************************		adastral Engineer	ing Staff Officer.